

PRELIMINARY / FINAL LAND DEVELOPMENT PLAN
SITE IMPROVEMENT PROJECT
1500 - 1504 ELEVENTH AVENUE
ALTOONA, PENNSYLVANIA 16601
CITY OF ALTOONA, BLAIR COUNTY

GENERAL NOTES:

- a. ALL CONSTRUCTION IS TO CONFORM TO THE SPECIFICATIONS OF THE CITY OF ALTOONA ORDINANCES.
- b. ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, CONTRACTOR IS TO VERIFY THE EXACT LOCATIONS AND INVERTS OF THESE UTILITIES BY EXPLORATORY EXCAVATIONS AS REQUIRED.
- c. CONTRACTOR IS TO NOTIFY THE PA ONE CALL SYSTEM (1-800-242-1776) NO LESS THAN 3, NOR MORE THAN 10 DAYS PRIOR TO BEGINNING EXCAVATION OR DEMOLITION WORK.
- d. ALL MATERIALS FOR CONSTRUCTION SHALL CONFORM TO PENNDOT PUBLICATION 408, LATEST EDITION, UNLESS OTHERWISE SPECIFIED.
- e. ALL DRAINAGE STRUCTURES SHALL CONFORM TO PENNDOT ROAD CONSTRUCTION (RC) STANDARDS AND PADOT PUBLICATION 408, LATEST EDITIONS.
- f. EROSION AND SEDIMENTATION CONTROL DEVICES SHALL CONFORM TO PADEP CHAPTER 102 FOR EROSION CONTROL AND PENNDOT RC-72 CONSTRUCTION DETAILS, LATEST EDITION.
- g. CONTRACTOR TO NOTIFY THE BLAIR COUNTY CONSERVATION DISTRICT NO LESS THAN 10 DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION.
- h. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLAN AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- i. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- j. CONSTRUCTION DETAILS ARE PROVIDED AS PART OF THIS CONSTRUCTION PLAN SET. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE DETAILS, WHICH ARE NOT ALWAYS SPECIFICALLY REFERENCED TO THE PLAN SHEETS, AND CONSTRUCTING THE APPROPRIATE DETAILS AS REQUIRED.
- k. APPROVAL OF THIS PLAN ONLY AUTHORIZES THE CONSTRUCTION OF THE FACILITIES DEPICTED ON THE PLAN. IT DOES NOT AUTHORIZE THE USE OF THE FACILITY.
- l. NO LANDS OR FACILITIES ARE TO BE DEDICATED TO THE MUNICIPALITY AS PART OF THIS PLAN.
- m. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER.
- n. DO NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES.
- o. CONTRACTOR TO COORDINATE LOCATION OF PROPOSED TELEPHONE, AND CABLE WITH RESPECTIVE UTILITY COMPANY.
- p. APPROVAL FROM THE DEP FOR THE SEWAGE FACILITIES PLANNING MODULE MUST BE OBTAINED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- q. CONTRACTOR IS RESPONSIBLE FOR KEEPING CITY STREETS FREE OF DEBRIS AND MUD.
- r. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SIGNING AND TRAFFIC CONTROL IN ACCORDANCE WITH MUTCD AND PENNDOT PUB 212 AND 213.

INDEX OF DRAWINGS

SHEET	TITLE
C-0.00	COVER SHEET
C-1.00	EXISTING CONDITIONS PLAN
C-2.00	SITE PLAN
C-3.00	GRADING PLAN
C-4.00	UTILITY PLAN
C-5.00	DETAILS
C-5.01	DETAILS
C-6.00	LANDSCAPE PLAN
C-7.00	E&S CONTROL PLAN
C-7.01	E&S CONTROL DETAILS
C-7.02	E&S CONTROL DETAILS

SITE DATA

- 1) SOURCE OF TITLE: DEED BOOK 1384 PG 0910
OWNER OF RECORD: PENNSY PROPERTIES, LLC
1637 E. PLEASANT VALLEY BLVD.
SUITE 200
ALTOONA, PA 16602
TAX PARCEL: 1-03-09-107-A
PARCEL AREA: 8,867.42 SQ FT, 0.20 ACRES
- 2) THIS PROPERTY IS ZONED "C-CB", CENTRAL BUSINESS DISTRICT COMMERCIAL ZONE AS PER THE CITY OF ALTOONA PLANNING CODE.
- 3) BUILDING SETBACKS:
FRONT- 0 FT MINIMUM/ 10 FT MAXIMUM
REAR- 0 FT
SIDE - 0 FT MINIMUM/ 10 FT MAXIMUM WHERE ADEQUATE LEASABLE PARKING EXISTS WITHIN ONE BLOCK; WHERE ADEQUATE LEASABLE PARKING DOES NOT EXIST WITHIN ONE BLOCK, BUILDINGS MAY IGNORE THE MAXIMUM SETBACK REQUIREMENT ON ONE SIDE ONLY.
- 4) THE ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.
- 5) BY GRAPHICAL PLOTTING ONLY, THE SUBJECT PROPERTY DOES NOT LIE WITHIN ANY SPECIAL FLOOD HAZARD AREA AS DICTIPEY FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 42013C0144D WHICH BEARS AN EFFECTIVE DATE OF MARCH 2, 2012.
- 6) SANITARY SEWER: PUBLIC - ALTOONA WATER AUTHORITY
- 7) WATER SERVICE: PUBLIC - ALTOONA WATER AUTHORITY
- 8) STREET RIGHT-OF-WAY INFORMATION OBTAINED FROM CITY OF ALTOONA.
- 9) FIELD SURVEY COMPLETED ON JANUARY 17, 2017. IMPROVEMENTS OR ALTERATIONS MADE AFTER THAT DATE MAY NOT BE SHOWN ON THIS PLAN.

LANDOWNER EASEMENT ACKNOWLEDGMENT

THE CITY OF ALTOONA, ITS AGENTS AND ASSIGNS, ARE EXPRESSLY AUTHORIZED WITH UNIMPEDED RIGHT-OF-ENTRY OVER AND THROUGH THE ENTIRE PARCEL FOR THE PURPOSE OF INSPECTING ALL STORMWATER FACILITIES AND, IN THE CASE OF THE INACTION ON THE PART OF THE OWNER, TO REPAIR STORMWATER FACILITIES, WITH ALL COSTS BORNE BY THE OWNER.

OWNER'S CERTIFICATION

ON THIS, THE DAY OF , 20 ,
THE UNDERSIGNED OFFICER(S) PERSONALLY APPEARED:
PENNSY PROPERTIES, LLC
WHO, BEING DULY SWORN ACCORDING TO LAW, DEPOSE AND SAY THAT THEY WERE THE OWNERS AND/OR EQUITABLE OWNERS OR OFFICERS OF OWNERS OF THE PROPERTY SHOWN ON THIS PLAN, AND THAT THEY ACKNOWLEDGE THE SAME TO BE THEIR ACT AND PLAN, AND DESIRE THE SAME TO BE RECORDED AS SUCH, ACCORDING TO LAW.

OWNER/AGENT:

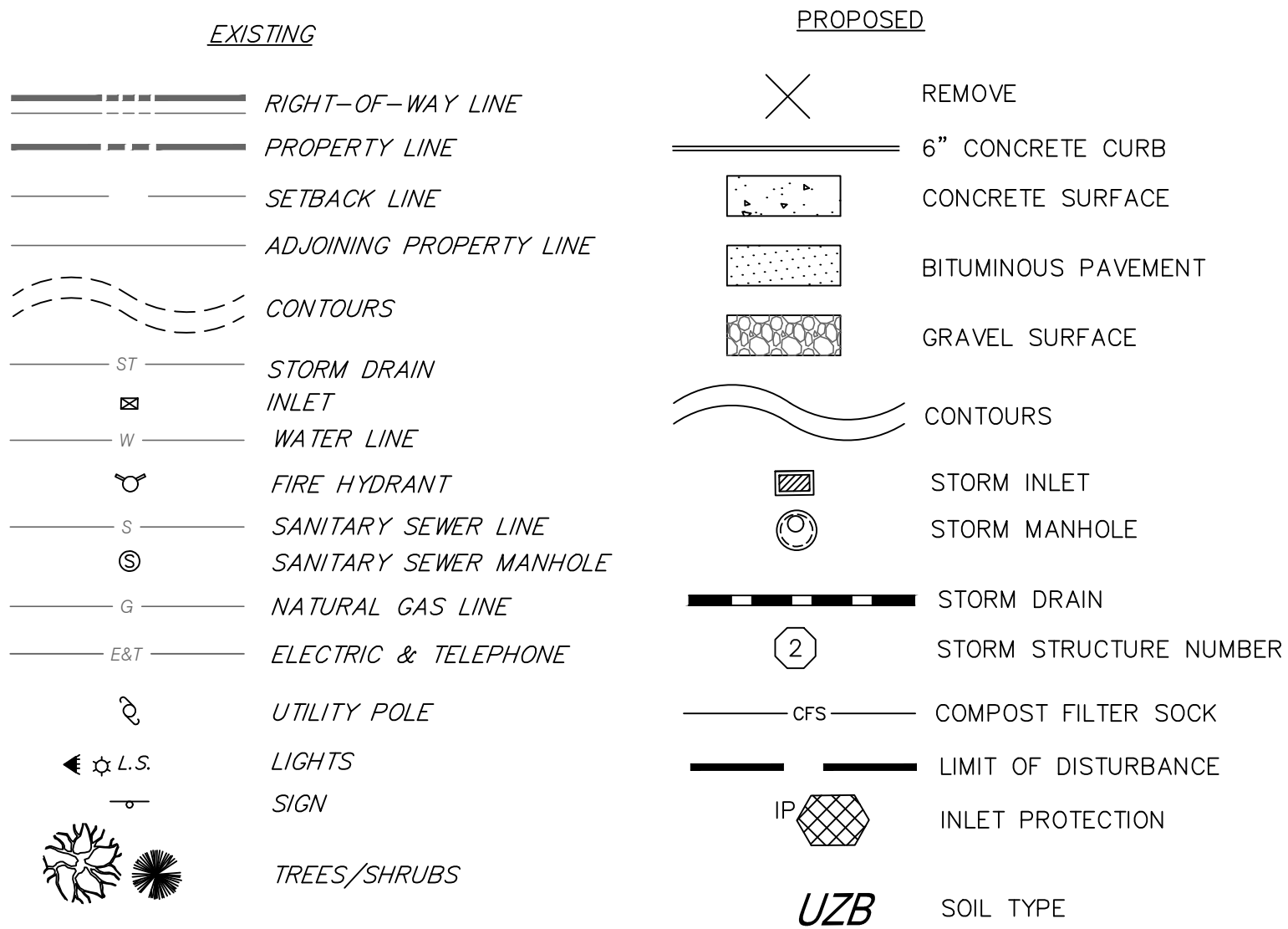
WITNESS MY HAND AND SEAL, THIS DATE:

NOTARY PUBLIC COMMISSION EXPIRES

PROOF OF RECORDING

COMMONWEALTH OF PENNSYLVANIA:
COUNTY OF BLAIR:
RECORD IN THE RECORDERS OFFICE FOR THE RECORDING OF DEEDS, PLANS, ETC. IN SAID COUNTY IN PLOT BOOK VOLUME PAGE
GIVEN UNDER MY HAND AND SEAL THIS DAY OF , 20 .

Recorder Seal



STORMWATER MANAGEMENT DESIGN ACKNOWLEDGEMENT

"I, , ON THIS DAY OF , 2019,
HEREBY CERTIFIES THAT THE STORMWATER MANAGEMENT SITE PLAN MEETS ALL DESIGN STANDARDS AND CRITERIA OF CHAPTER 620 OF THE CITY OF ALTOONA CODIFIED ORDINANCES, AS AMENDED."

STORMWATER MANAGEMENT ACKNOWLEDGEMENT

"ON THIS DAY OF , 20 , THE DEVELOPER IS RESPONSIBLE FOR THE PERPETUAL OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM. FURTHERMORE, DEVELOPER ACKNOWLEDGES THE STORMWATER MANAGEMENT SYSTEM TO BE A PERMANENT FIXTURE WHICH CAN BE ALTERED OR REMOVED ONLY AFTER APPROVAL OF THE REVISED STORMWATER PLAN BY THE CITY."

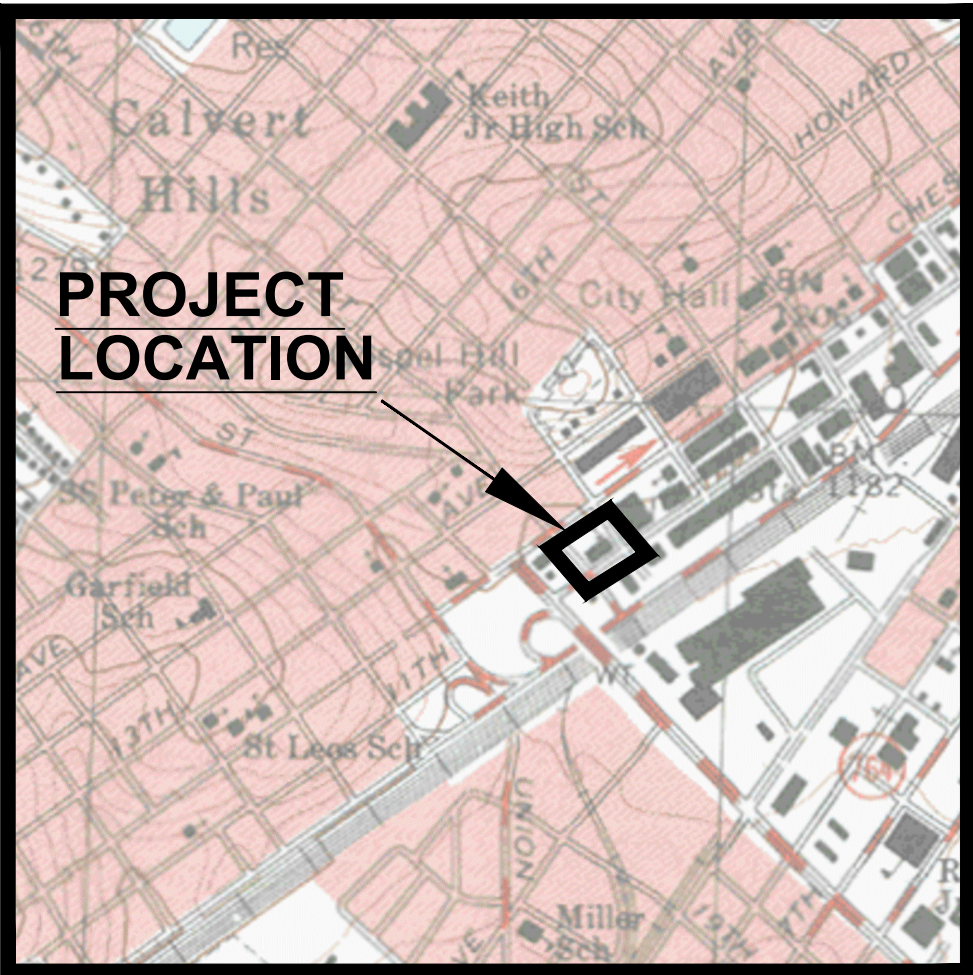
ALTOONA CITY PLANNING COMMISSION

ALTOONA CITY PLANNING COMMISSION
LAND DEVELOPMENT APPROVED UNDER THE ALTOONA PLANNING CODE

DATE:
SUBJECT TO A PERFORMANCE COVENANT, DATED , RUNNING WITH THE LAND, TO BE DULY RECORDED WITH THIS PLAN BY OR FOR THE OWNER OF RECORD.

OTHER PLANS APPLICABLE TO THIS LAND DEVELOPMENT MAY BE ON FILE WITH THE CITY OF ALTOONA CODES AND INSPECTIONS DEPARTMENT, ENGINEERING DEPARTMENT, AND PLANNING & COMMUNITY DEVELOPMENT DEPARTMENT.

THIS PLAN WAS REVIEWED BY THE BLAIR COUNTY PLANNING COMMISSION ON .



LOCATION MAP

SCALE: 1"= 1000'

LIST OF UTILITIES

WATER SERVICE

ALTOONA WATER AUTHORITY
900 CHESTNUT AVENUE
ALTOONA, PA. 16601
CONTACT: TIM MANLEY
PHONE: (814) 949-2214

SANITARY SEWER

ALTOONA WATER AUTHORITY
900 CHESTNUT AVENUE
ALTOONA, PA. 16601
CONTACT: RON SMITH
PHONE: (814) 949-2218 x2211

CABLE TELEVISION

ATLANTIC BROADBAND
2200 BEALE AVENUE
ALTOONA, PA. 16601
CONTACT: GARY HUFF
PHONE: (814) 944-3905

NATURAL GAS

DOMINION PEOPLES
100 E. BELLWOOD AVENUE
ALTOONA, PA. 16602
CONTACT: JAMES GRAY
PHONE: (814) 941-4666

ELECTRIC

GPU ENERGY
405 WEST PLANK ROAD
ALTOONA, PA. 16603
CONTACT: JOE HALLMAN
PHONE: (814) 949-4666

CITY OF ALTOONA
1301 12TH STREET, SUITE 300
ALTOONA, PA. 16601
CONTACT: KEVIN COLASSANTE
PHONE: (814) 937-0573

TELECOMMUNICATIONS

VERIZON
1119 16TH STREET
ALTOONA, PA. 16601
CONTACT: BRUCE SMITH
PHONE: (814) 231-6500

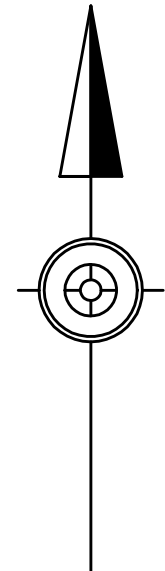
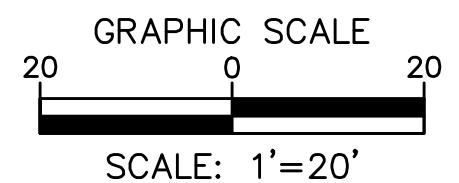
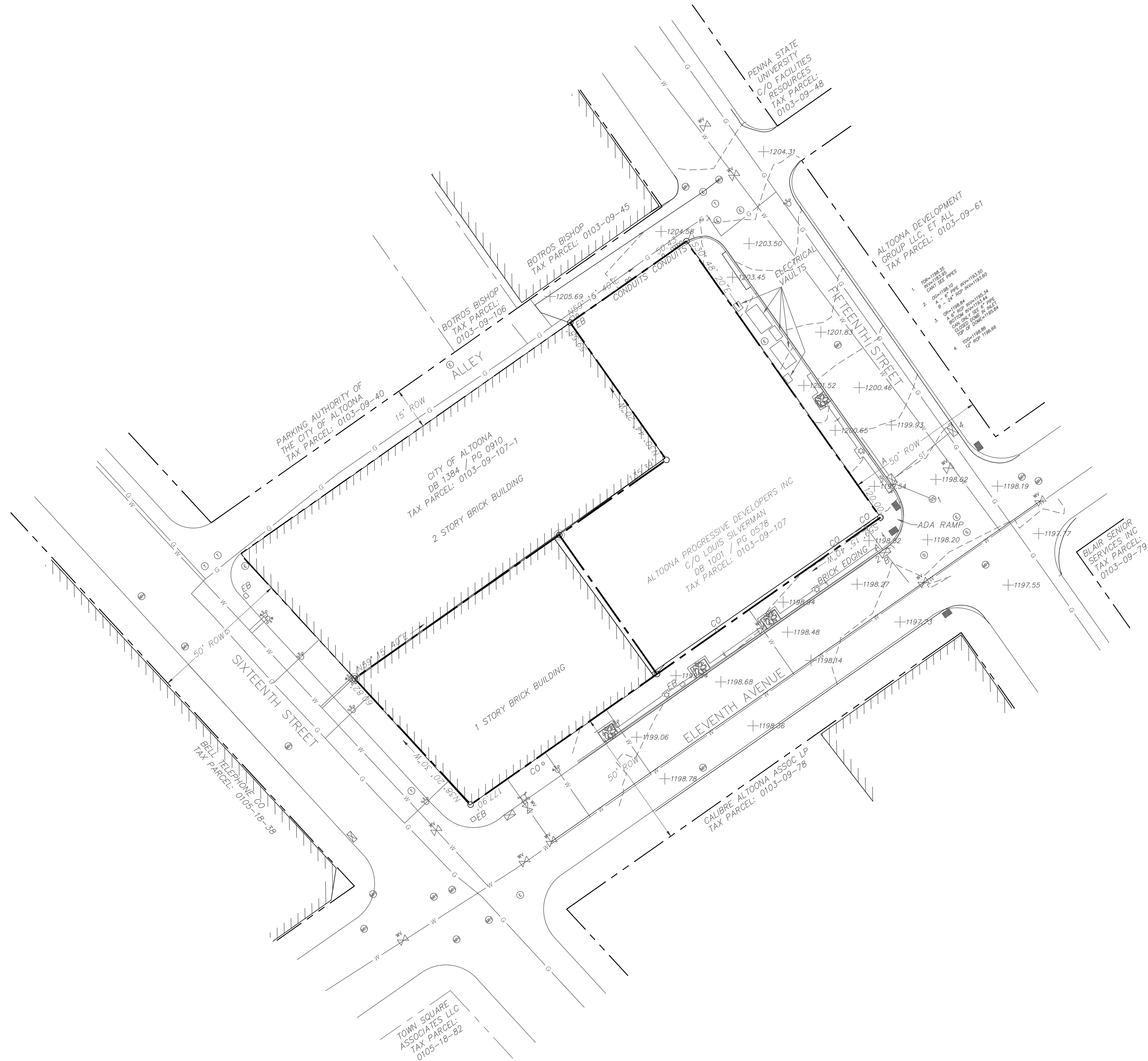
CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE-STOP CALL
PAI SYSTEM, INC.
1-800-242-1776
20170610753-000

FORMER DOWNTOWN DRUG
BUILDING
SITE IMPROVEMENT PROJECT
CITY OF ALTOONA, BLAIR COUNTY, PA

COVER SHEET

Drawing No.
C-0.00



**FORMER DOWNTOWN DRUG
BUILDING
SITE IMPROVEMENT PROJECT**

CITY OF ALTOONA, BLAIR COUNTY, PA

EXISTING CONDITIONS PLAN

THE EADS GROUP

ENGINEERING ARCHITECTURE AND DESIGN SERVICES

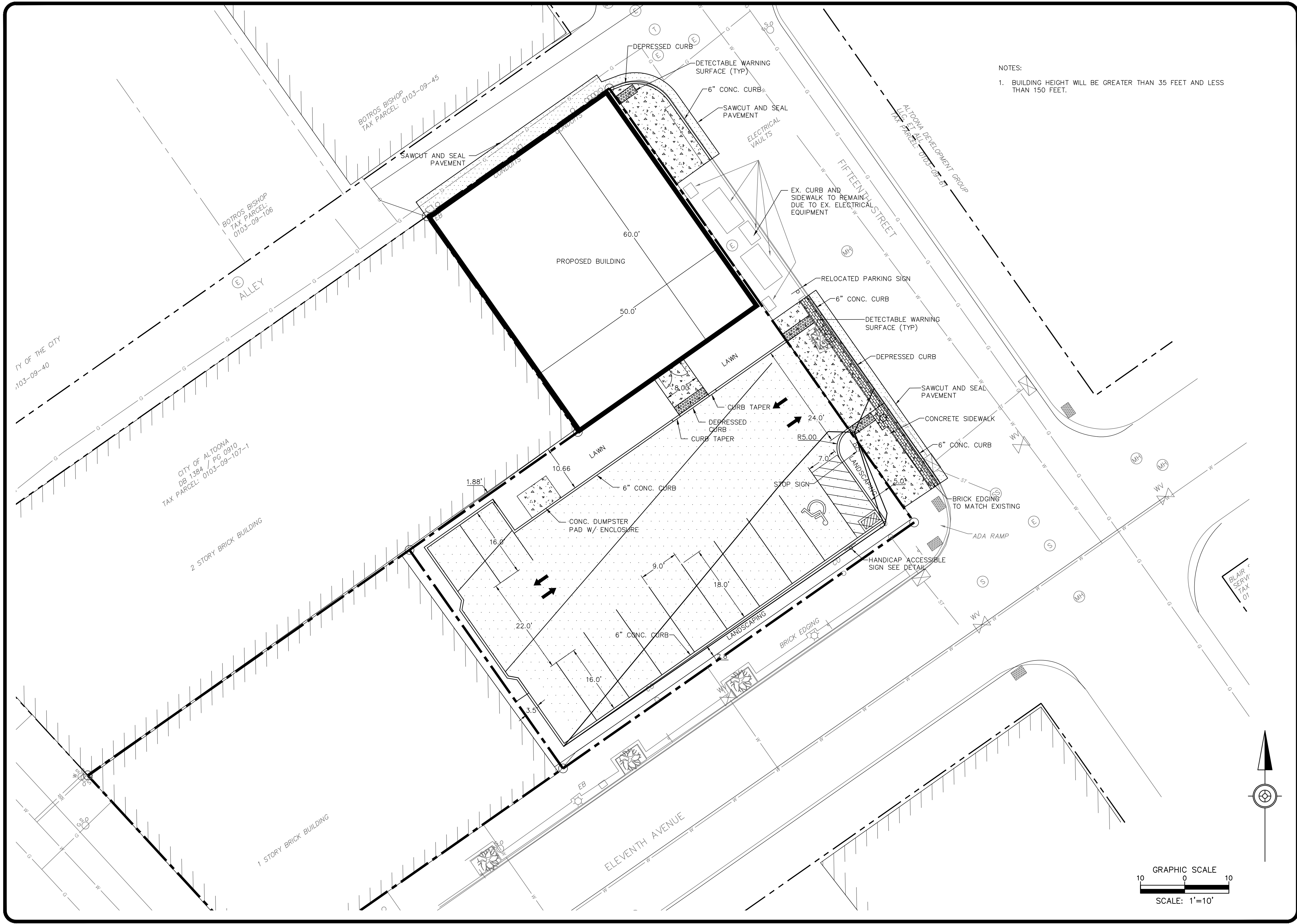
phone: 814.944.5035 fax: 814.944.4862
www.eadsgroup.com
WITL OFFICES, INC.
PENNSYLVANIA / MARYLAND / WEST VIRGINIA

Scale	AS NOTED
Date	APRIL 2021
Drawn By	ARR
Checked By	DJB
Project No.	0120-19-292
File No.	4111

No.	Sheet Revisions	Date

Seal

Date



- NOTES:
1. BUILDING HEIGHT WILL BE GREATER THAN 35 FEET AND LESS THAN 150 FEET.

Seal

Date

Sheet Revisions

Date

No.

Scale

AS NOTED

Date

APRIL 2021

Drawn By

ARR

Checked By

DJB

Project No.

0120-19-292

File No.

411

THE EADS GROUP

ENGINEERING ARCHITECTURE AND DESIGN SERVICES

phone 814.944.5035 fax 814.944.4862

www.eadsgruop.com

WILLIAMSBURG, PA

PENNSYLVANIA / MARYLAND / WEST VIRGINIA

FORMER DOWNTOWN DRUG BUILDING

SITE IMPROVEMENT PROJECT

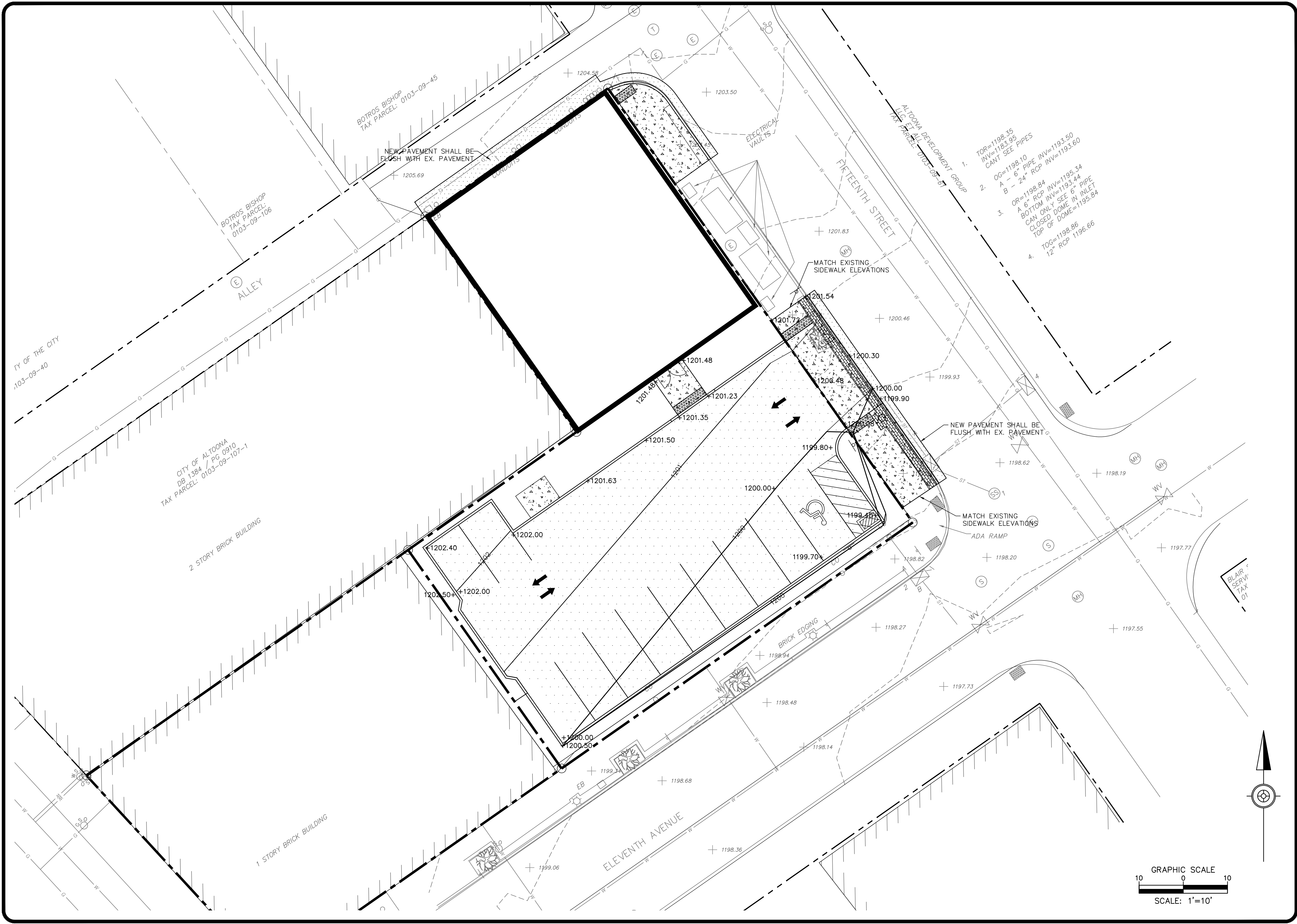
CITY OF ALTOONA, BLAIR COUNTY, PA

SITE PLAN

Drawing No.

C-2.00

R:\4111 Brian Irwin\19292 1510 11th ave Bldg\06 CADD\80 Site Dev\19292_C2.00_Site.dwg, 4/19/2021 3:12:34 PM



Seal

Date

No.	Sheet Revisions	Date

Scale

AS NOTED

Date

APRIL 2021

Drawn By

ARR

Checked By

DJB

Project No.

0120-19-292

File No.

411

THE EADS GROUP

ENGINEERING ARCHITECTURE AND DESIGN SERVICES

WILLIAMSBURG, VIRGINIA

phone: 814.944.5035 fax: 814.944.4862
www.eadsgrp.com

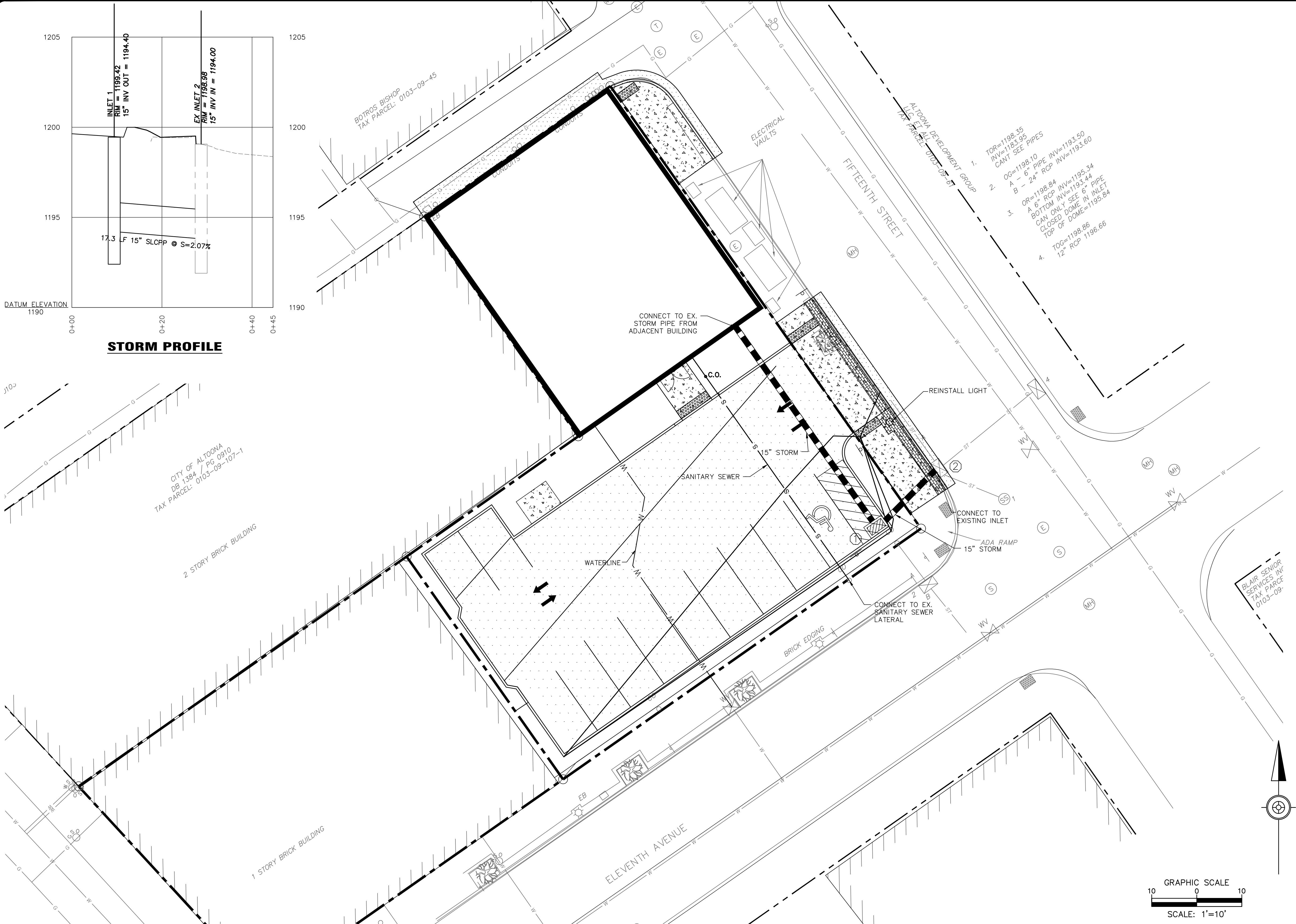
BLAIR COUNTY
SERVICES
TAX LOT

FORMER DOWNTOWN DRUG
BUILDING
SITE IMPROVEMENT PROJECT
CITY OF ALTOONA, BLAIR COUNTY, PA

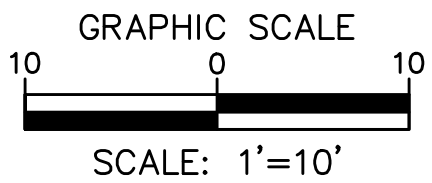
GRADING PLAN

Drawing No.

C-3.00



STORM PROFILE



FORMER DOWNTOWN DRUG
BUILDING
SITE IMPROVEMENT PROJECT
CITY OF ALTOONA, BLAIR COUNTY, PA

UTILITY PLAN

Drawing No.
C-4.00

THE

EADS

GROUP

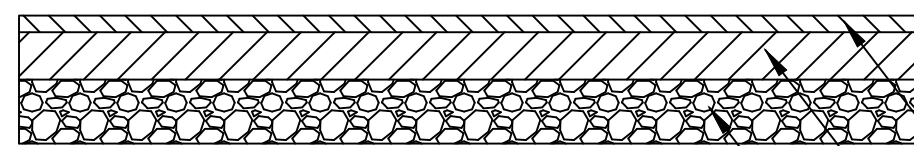
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UTIL OFFICES IN:
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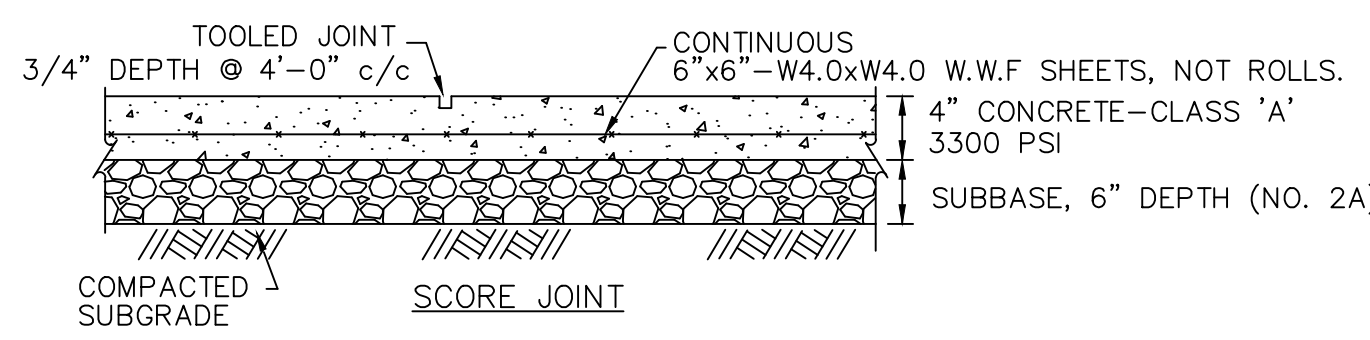


**BITUMINOUS PAVEMENT
TYPICAL SECTION**
NO SCALE

SUPERPAVE ASPHALT MIXTURE DESIGN, HMA WEARING COURSE, PG 64-22, 0.3< 3.0 MILLION ESALs, 9.5 mm MIX, 1.5" DEPTH, SRL-H.

SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BASE COURSE, PG 64-22, 0.3< 3.0 MILLION ESALs, 25.0 mm MIX, 4.5" DEPTH.

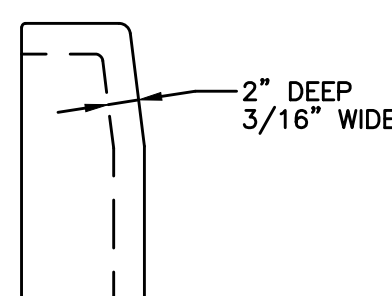
NO. 2A COARSE AGGREGATE
6" DEPTH (COMPACTED)



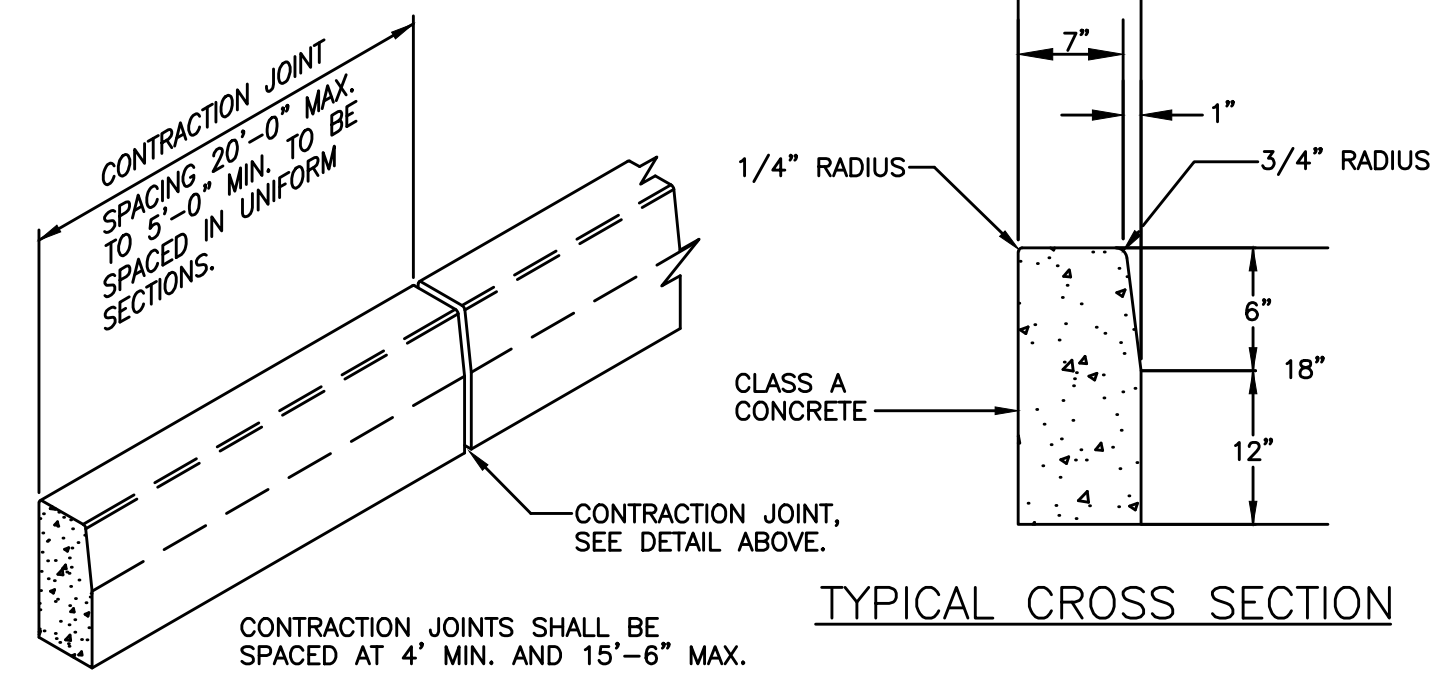
CONSTRUCTION JOINT

NOTE:
WIRE FABRIC REINFORCEMENT SHALL BE LOCATED 1/3 OF TOTAL SLAB THICKNESS MEASURED FROM BOTTOM OF SLAB TO TOP OF FABRIC.

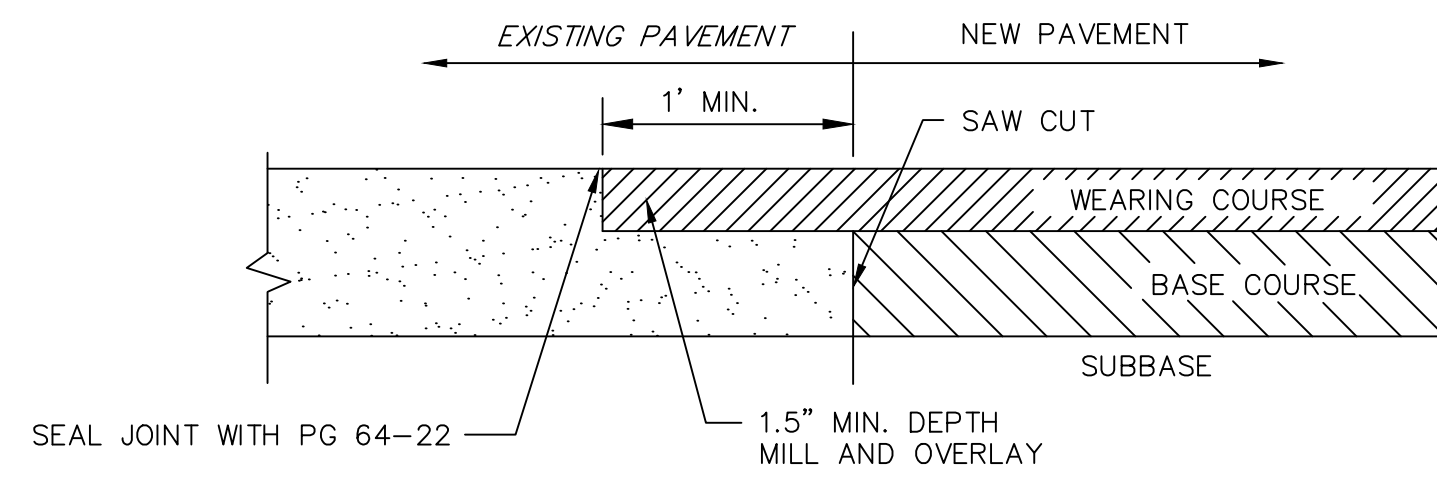
CONCRETE SIDEWALK
NO SCALE



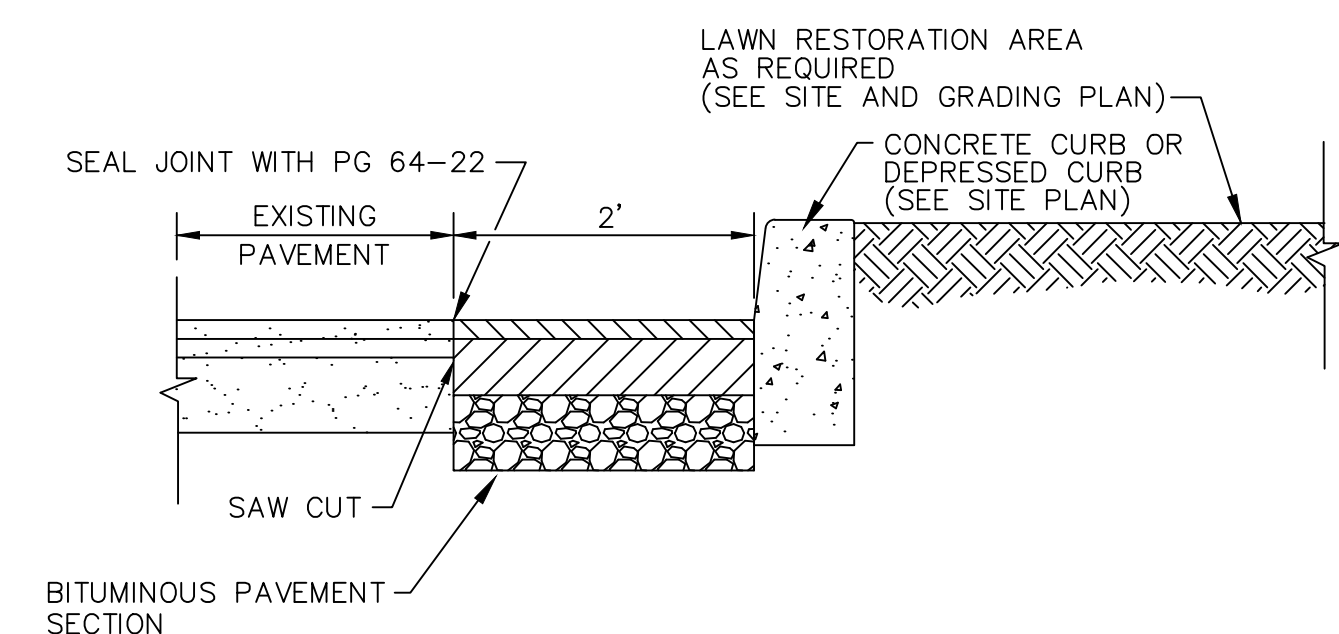
CONTRACTION JOINT



CONCRETE CURB
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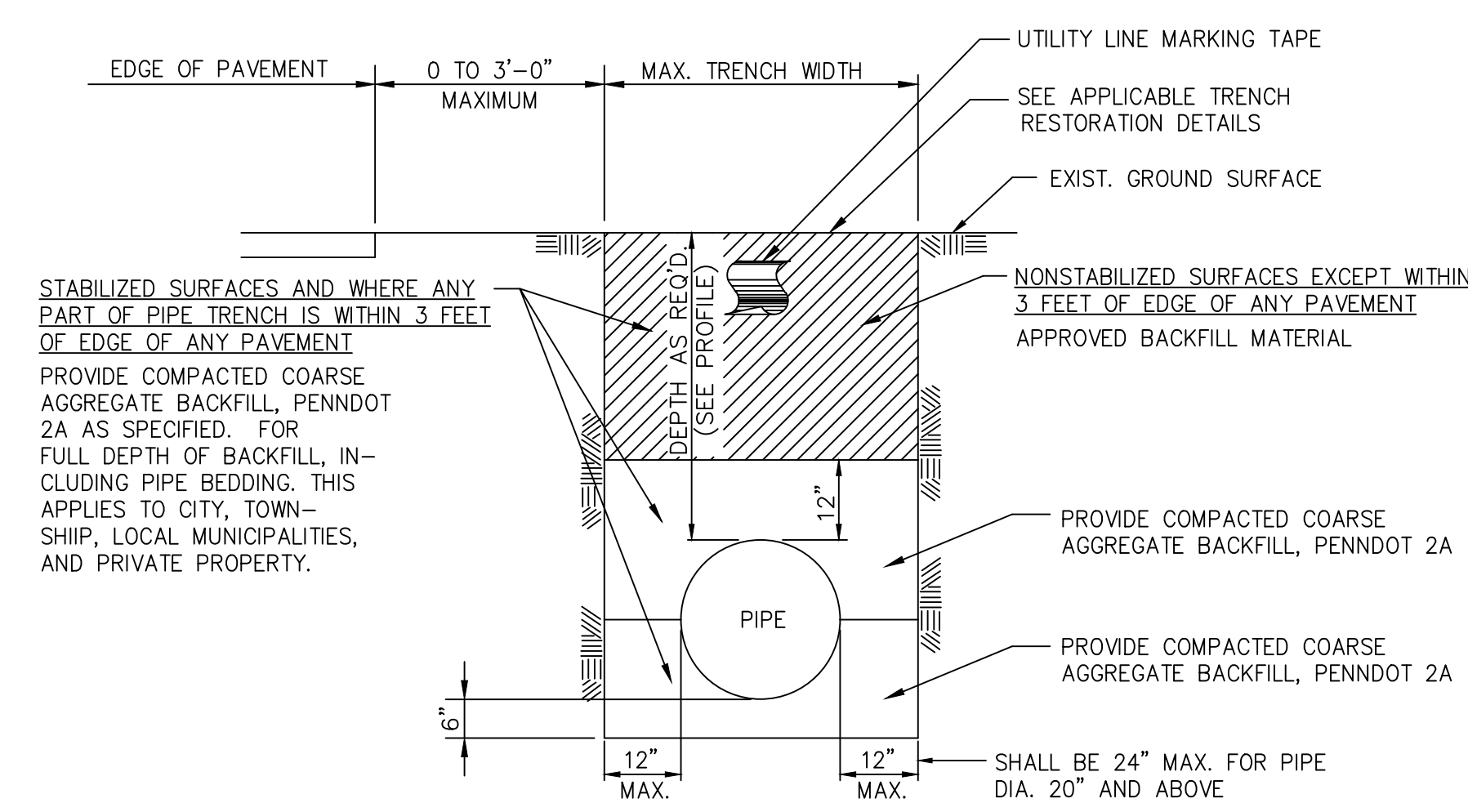


**EXISTING PAVEMENT TRANSITION
PAVEMENT NOTCH DETAIL**
NO SCALE

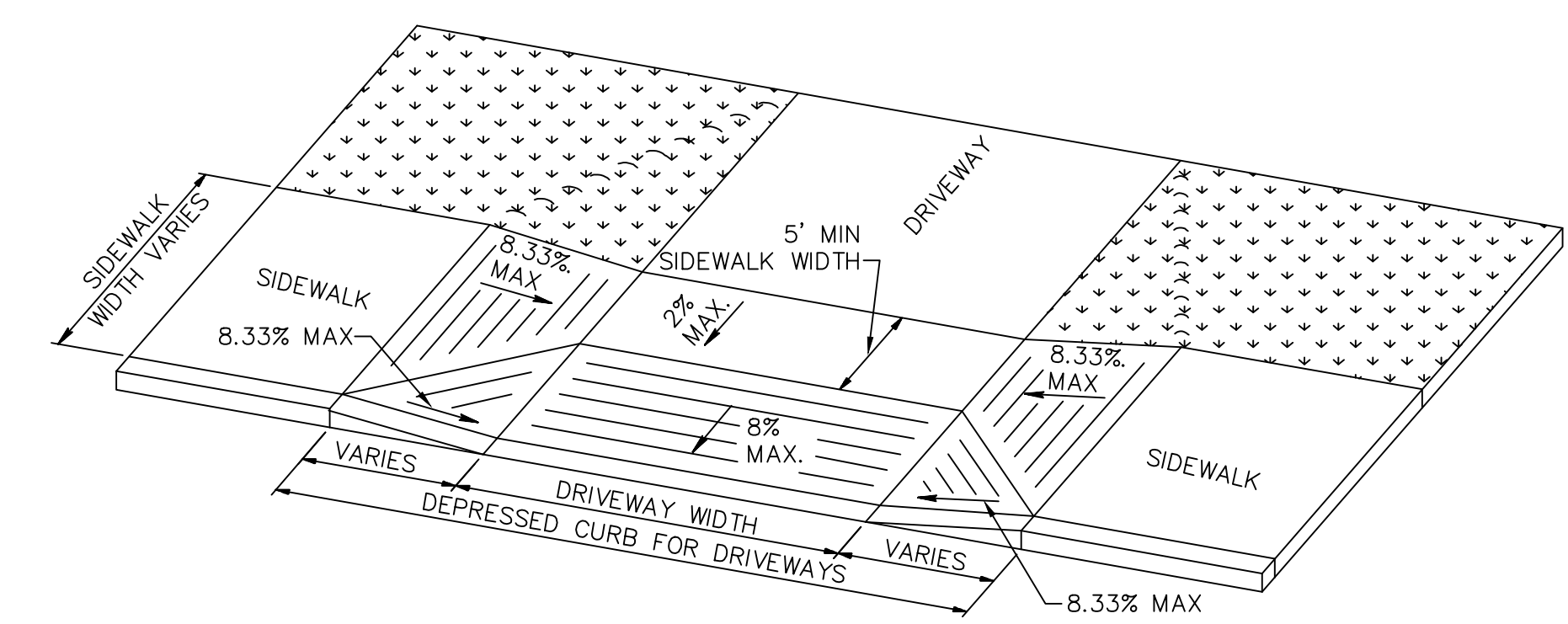


NOTE:
1. ALL JOINTS SHALL BE SEALED WITH PG 64-22.

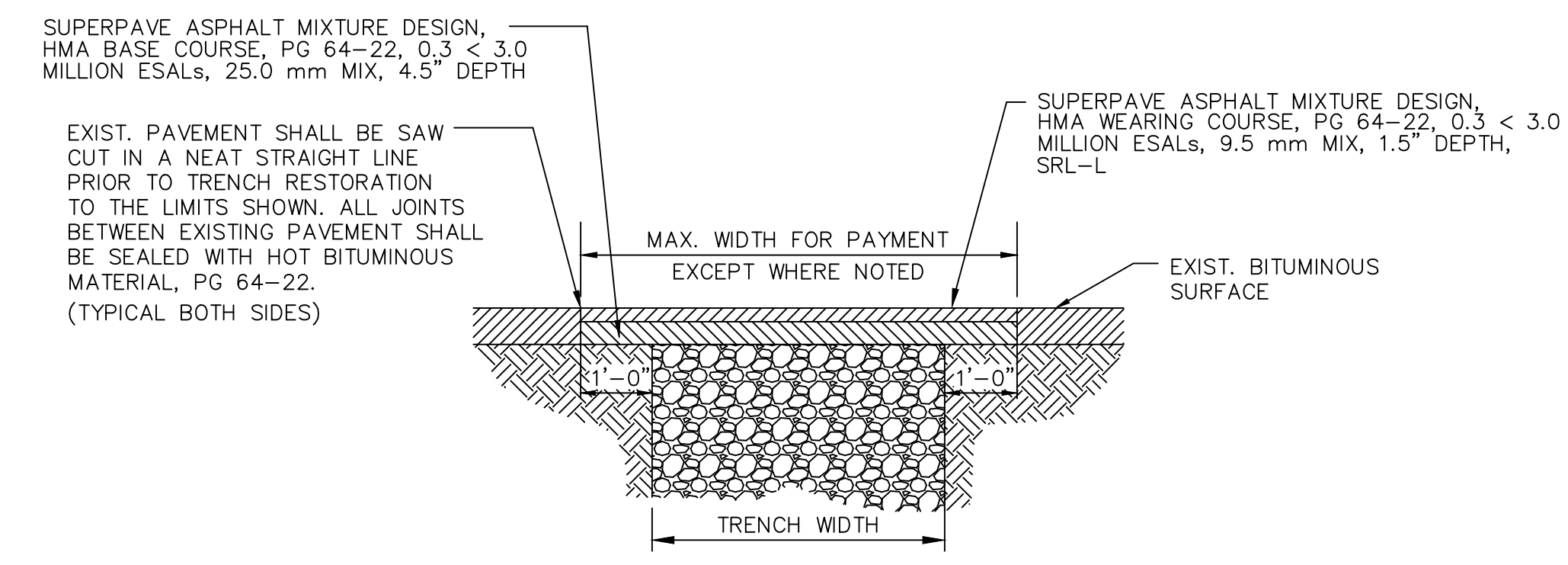
CONCRETE CURB INSTALLATION
NO SCALE



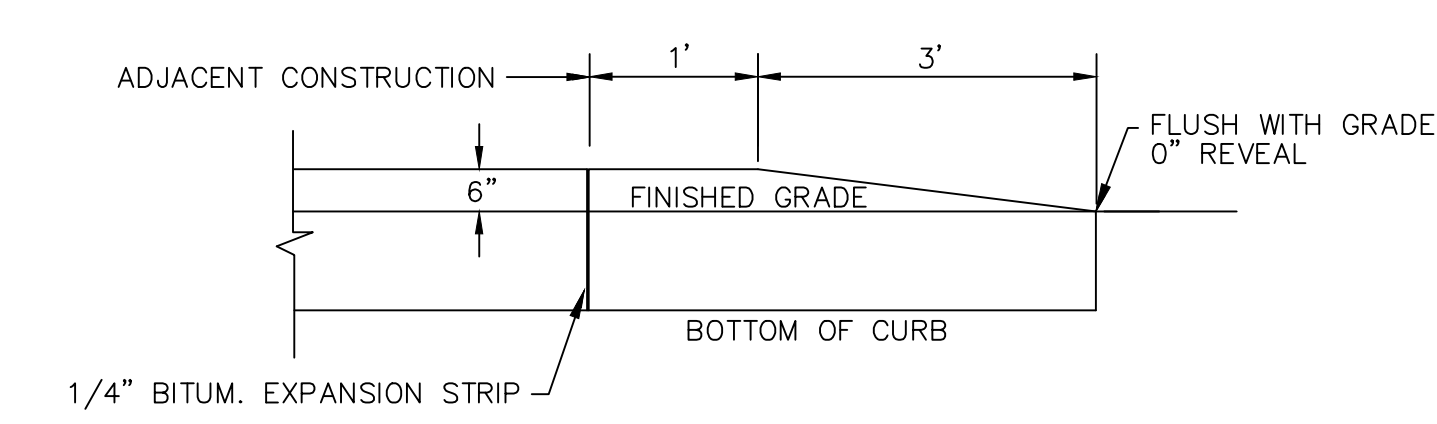
**TRENCH BEDDING AND BACKFILLING DETAIL
STABILIZED AND NONSTABILIZED SURFACES**



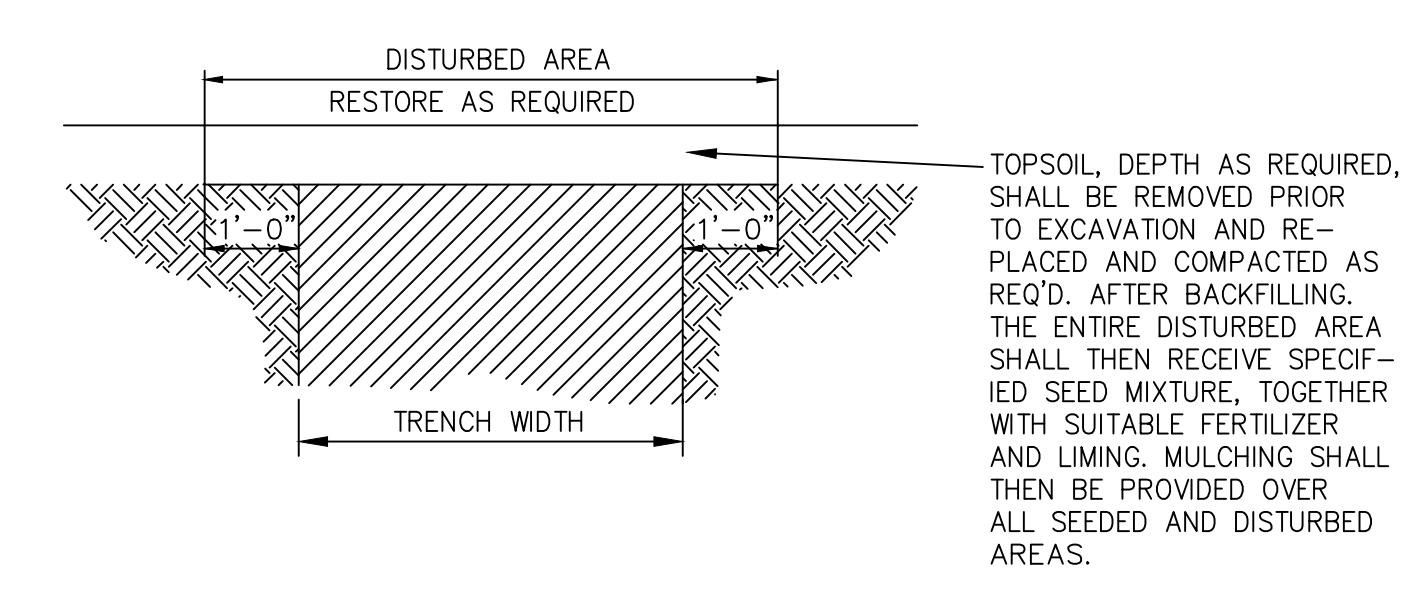
TYPE 3 DRIVEWAY APRON
NO SCALE



**TYPICAL TRENCH RESTORATION
BITUMINOUS SURFACES**
NO SCALE

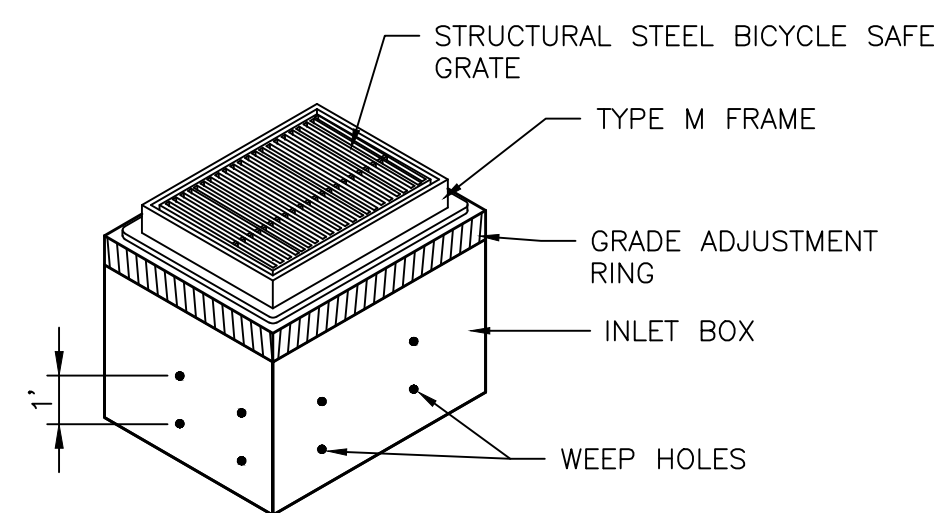


CONCRETE CURB TAPER
NO SCALE



**TYPICAL TRENCH RESTORATION DETAIL
NONSTABILIZED AREAS**

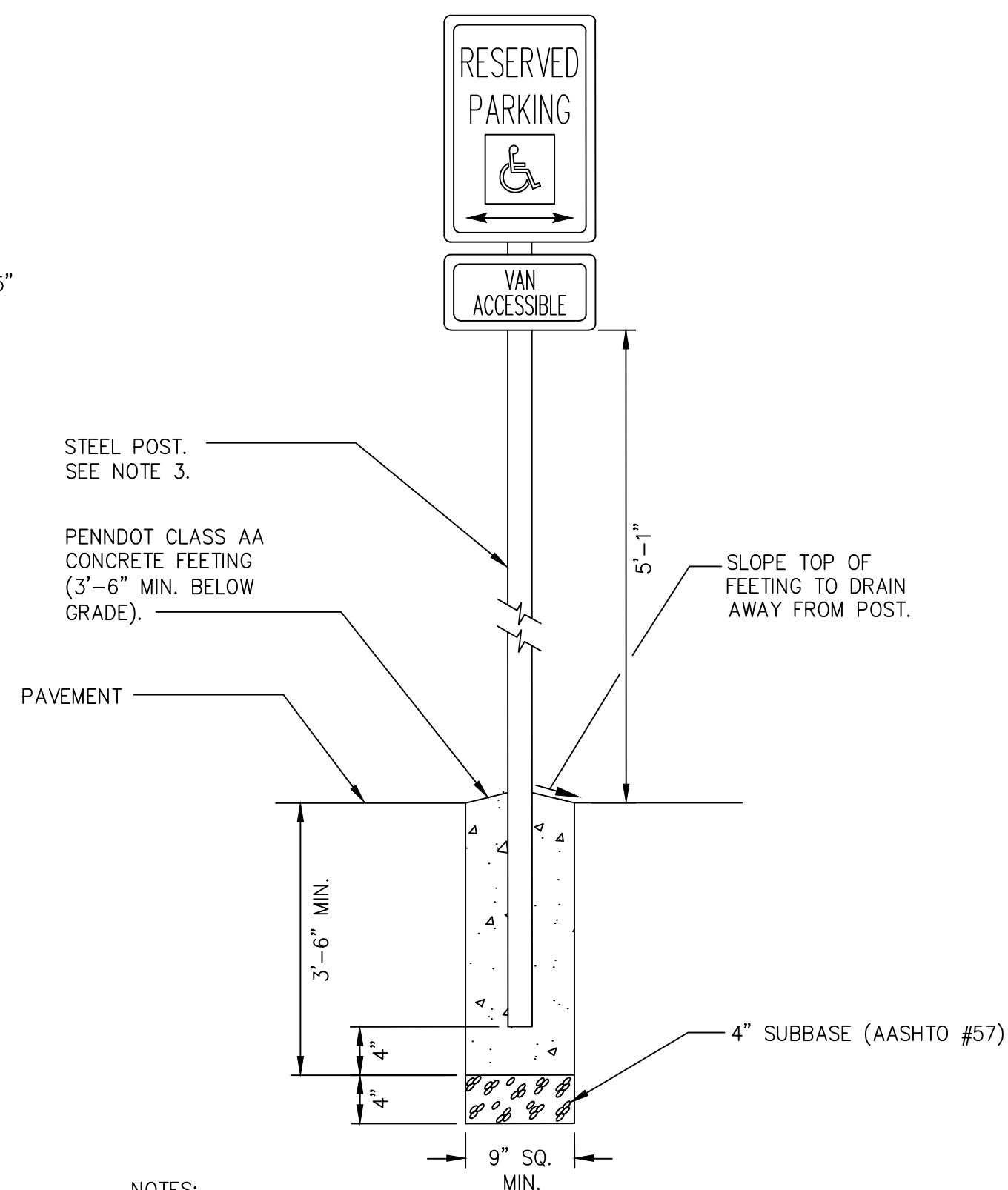
Seal		Date	
Sheet Revisions		No.	
Scale	Date	Drawn By	Checked By
AS NOTED	APRIL 2021	ARR	DJB
Project No.		File No.	
0120-19-292		411	
<div><div><div>THE EADS GROUP</div><div>ENGINEERING ARCHITECTURE AND DESIGN SERVICES</div><div>phone 814.944.5035 fax 814.944.4862</div><div>www.eadsgroup.com WITH OFFICES IN:</div><div>PENNSYLVANIA / MARYLAND / WEST VIRGINIA</div></div><div><div>FORMER DOWNTOWN DRUG BUILDING</div><div>SITE IMPROVEMENT PROJECT</div><div>CITY OF ALTOONA, BLAIR COUNTY, PA</div></div><div>DETAILS</div></div>			
Drawing No. C-5.00			



NOTE:

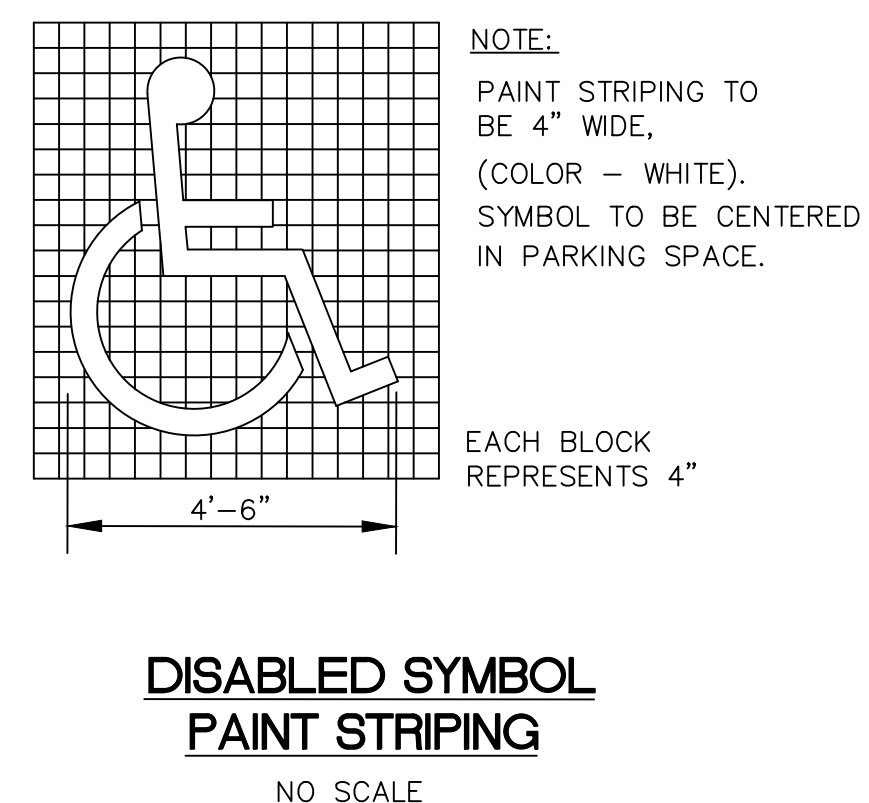
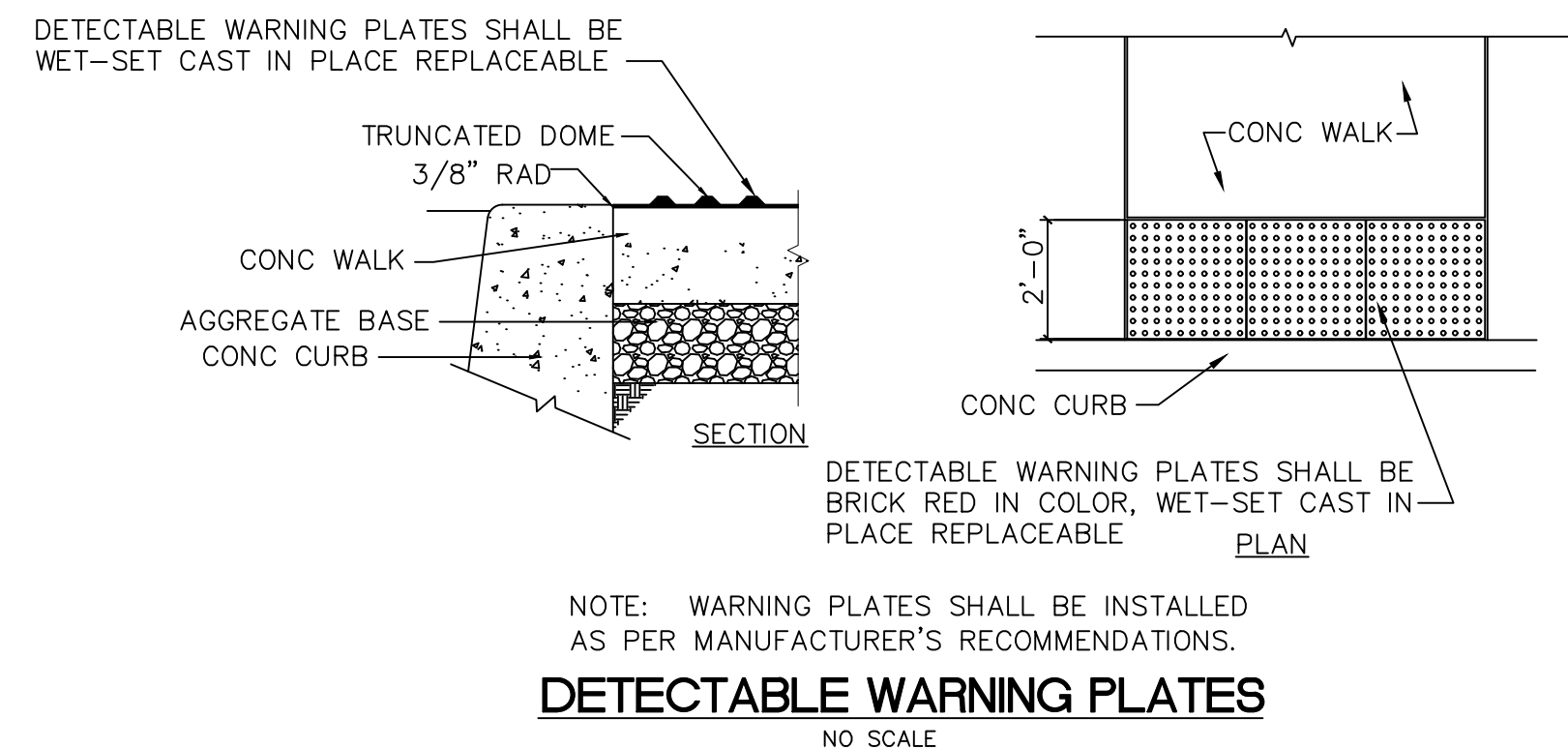
1. REFER TO THE LATEST PENNDOT STANDARDS FOR ROADWAY CONSTRUCTION, SERIES RC-45M AND RC-46M FOR SPECIFICATIONS.
2. TWO - 1" WEEP HOLES SPACED EQUALLY APART FROM ONE ANOTHER, LOCATED AT 6" ABOVE INVERT OUT REQ. FOR EACH WALL OF INLET WITHOUT PIPE OPENING.
3. PROVIDE MEDALLION STATING "DRAINS TO STREAM" ON ALL INLETS.
4. PROVIDE STEPS USING A FIBERGLASS REINFORCED POLYESTER WITH A NON SKID SURFACE IN ACCORDANCE WITH ASTM D2444 AND ASTM D635 ON ALL INLETS GREATER THAN 5' DEPTH.

A technical diagram showing a stop sign assembly. At the top is an octagonal stop sign with a double border and the word "STOP" in the center. Below the sign is a "CHANNEL BAR POST", which is a vertical post with a channel-shaped cross-section. A dimension line indicates the height from the "FINISHED GRADE" (represented by a hatched area) to the bottom of the sign is 7'-0". A label "R1-1, 24" x 24"" points to the sign. At the bottom, the text "STOP SIGN" is underlined, followed by "NO SCALE".



NOTES:

1. THE CONTRACTOR SHALL NEATLY FORM TOP 6" OF CONC. FEETING. FEETINGS NOT FORMED, SHALL BE REMOVED AND PROPERLY RECONSTRUCTED.
2. SIGNS SHALL BE AS SPECIFIED BY PENNDOT PUBLICATION 236 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITIONS).
3. THE CONTRACTOR SHALL FURNISH AND INSTALL STEEL POSTS FOR ALL REQUIRED H.C. PARKING STALL SIGNS IN ACCORDANCE WITH PENNDOT PUBLICATION 408, SECTION 1103.08, LATEST EDITION. POSTS SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1105.02. PAINT POSTS GREEN IN ACCORDANCE WITH ASTM-G53-84, FEDERAL COLOR NO. 595.14062.
4. FASTENERS (I.E. BOLTS, ETC.) REQUIRED TO ATTACH SIGNS TO POST SHALL BE STAINLESS OR GALVANIZED STEEL.



**FORMER DOWNTOWN DRUG
BUILDING
SITE IMPROVEMENT PROJECT
CITY OF ALTOONA, BLAIR COUNTY, PA**

DETAILS

Drawing No.
C-5.01

Scale	No.	Sheet Revisions	Date	Seal
AS NOTED				
Date				
APRIL 2021				
Drawn By				
ARR				
Checked By				
DJB				
Project No.				
0120-19-292				
File No.				
4111				Date

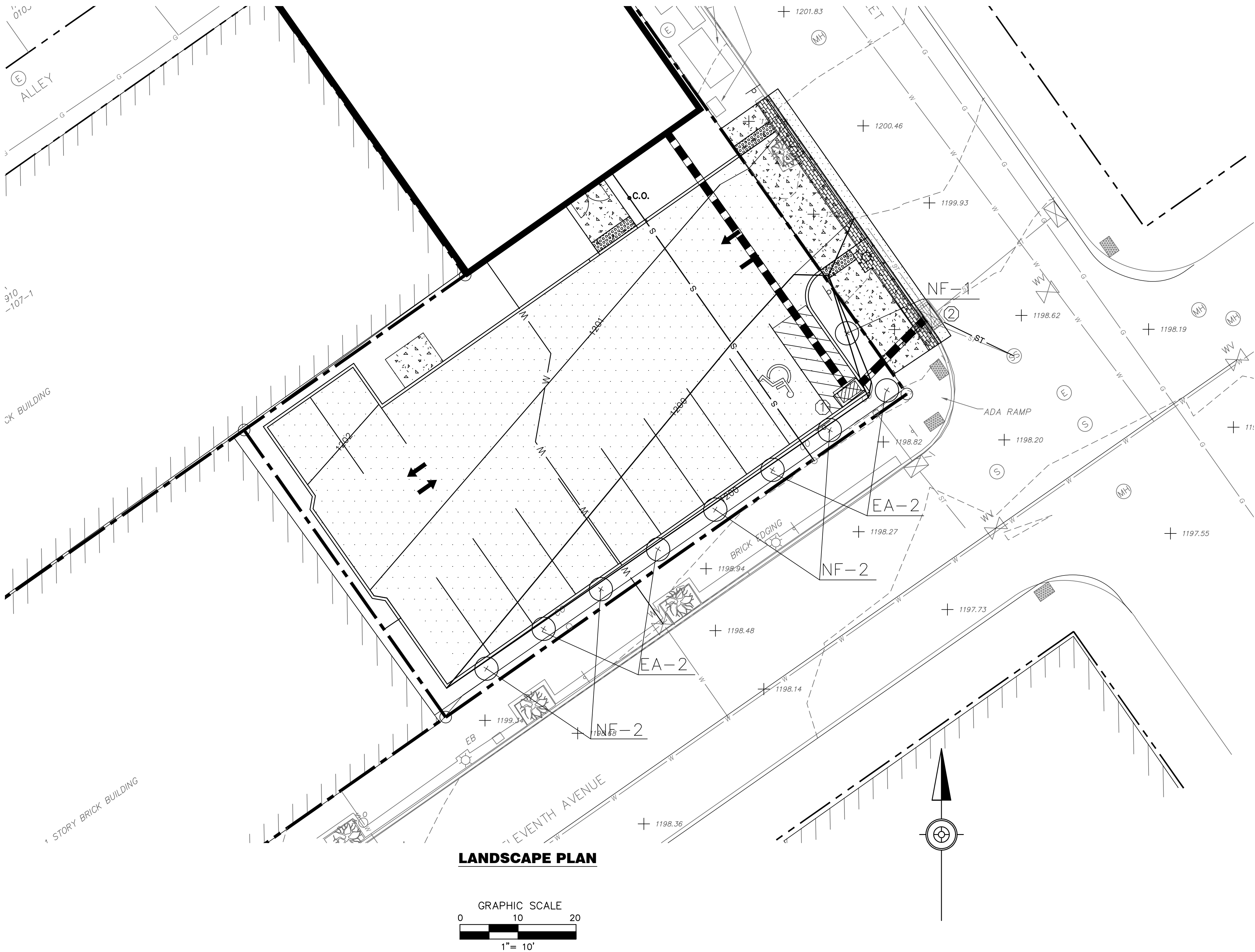
THE
EADS
GROUP

ENGINEERING ARCHITECTURE AND DESIGN SERVICES

phone: 814.944.5035 fax: 814.944.4862
www.eadsgroup.com

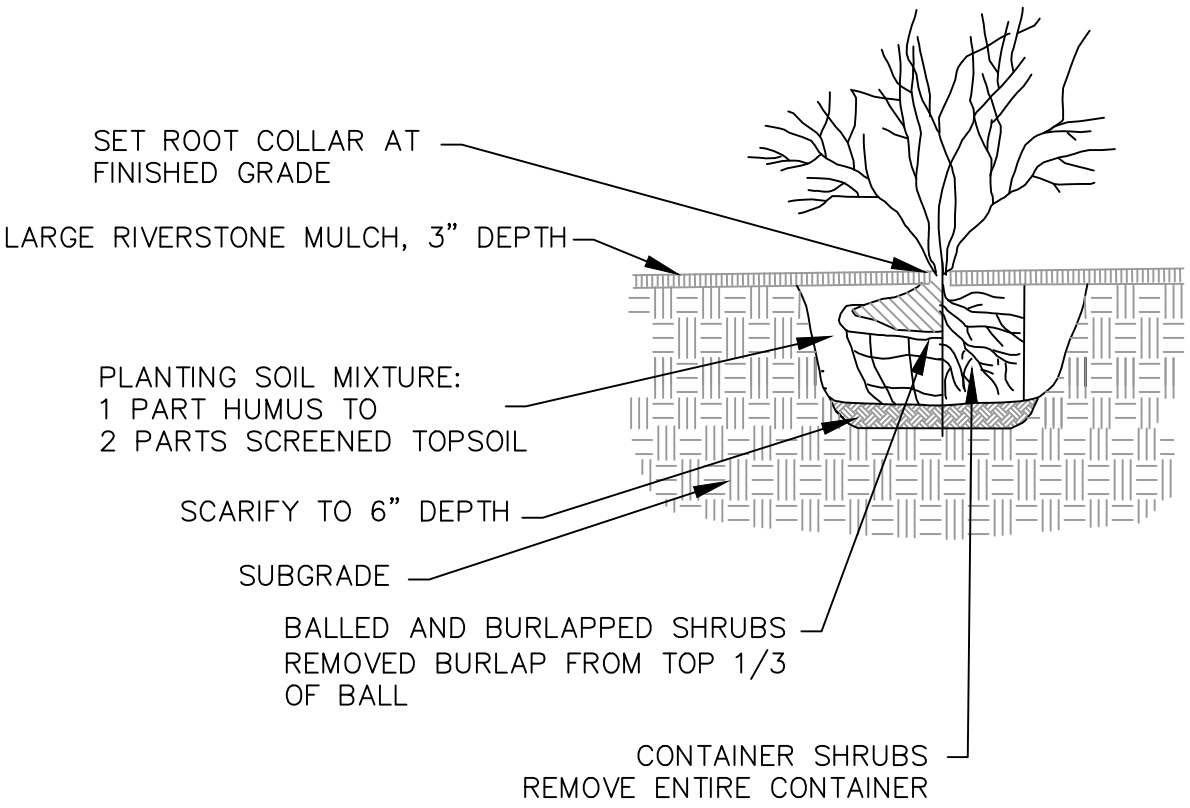
PENNSYLVANIA / MARYLAND / WEST VIRGINIA





LANDSCAPE PLAN

PLANT SCHEDULE					
KEY	SCIENTIFIC NAME (1)	COMMON NAME	QUANTITY (4)	MINIMUM SIZE (2)	REMARKS
EA	EUONYMUS ALATA 'PIZAM' PIPSQUEAK	PIPSQUEAK BURNING BUSH	4	36" SPD., B&B	
NF	SPIREA JAPONICA 'NEON FLASH'	NEON FLASH	5	24" SPD., NO.5 POT	



SHRUB PLANTING
N.T.S.

GENERAL NOTES – PLANTING

1. THE CONTRACTOR SHALL SUBMIT CERTIFICATION(S) FROM PLANT SUPPLIER(S) SUBSTANTIATING THAT ALL TREES, SHRUBS, GROUND COVERS, AND PLANTS INTENDED TO BE FURNISHED FOR USE AT THE SUBJECT PROJECT ARE THE GENUS, SPECIES, VARIETY/CULTIVAR AND SIZE SPECIFIED ON THE PLANT SCHEDULE DEPICTED ON THIS DRAWING. THE CERTIFICATION MUST BE SIGNED BY THE OWNER OF THE SUPPLIER/NURSERY. THE CERTIFICATION SHALL LIST EACH SPECIFIED PLANT MATERIAL, INCLUDING SIZE, SCIENTIFIC AND COMMON NAMES. SUBSTITUTIONS, IF APPLICABLE, MUST BE DEPICTED ON THE CERTIFICATION. DO NOT DELIVER PLANTS TO THE PROJECT SITE UNTIL THE CERTIFICATION HAS BEEN REVIEWED AND APPROVED BY THE EADS GROUP, INC.
2. DO NOT MAKE SUBSTITUTIONS. IF SPECIFIED PLANT MATERIAL IS NOT OBTAINABLE WITHIN A 125-MILE RADIUS OF THE LANDSCAPE CONTRACTOR OR THE PROJECT SITE, SUBMIT PROOF OF NON-AVAILABILITY TO THE EADS GROUP, INC. TOGETHER WITH PROPOSAL FOR USE OF MATERIAL WITH EQUIVALENT MATURE SIZE, FORM, COLOR, CHARACTER AND HARDINESS.
3. ALL PLANT MATERIALS SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK" AS PREPARED BY THE AMERICAN ASSOCIATION OF NURSEYMEN, INC., LATEST EDITION. ONLY NURSERY GROWN PLANT MATERIALS SHALL BE USED.
4. IF NO DIMENSIONS ARE GIVEN, THE CONTRACTOR SHALL LAYOUT AND INSTALL PLANT MATERIAL TO AN ACCURACY OF ± 1'-0" BY SCALING THE PLAN.
5. THE CONTRACTOR SHALL FURNISH SCREENED TOPSOIL FOR USE IN LAWN AREAS AND PLANTING BEDS IF THE QUANTITY OF ON-SITE TOPSOIL IS INSUFFICIENT, TOPSOIL SHALL BE SPREAD TO A MIN. DEPTH OF 4" IN LAWN AREAS AND 12" IN PLANTING BEDS.
6. IF MULTIPLE TREES OR SHRUBS OF THE SAME VARIETY ARE INDICATED TO BE PLANTED IN THE SAME AREA, MATERIALS SHALL BE CAREFULLY SELECTED FOR UNIFORMITY.
7. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A TYPE-WRITTEN WARRANTY SIGNED BY AN AUTHORIZED REPRESENTATIVE. WARRANT TREES AND SHRUBS FOR A PERIOD OF ONE YEAR AFTER DATE OF SUBSTANTIAL COMPLETION, AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM LACK OF ADEQUATE MAINTENANCE, NEGLIGENCE, OR ABUSE BY OWNER, OR INCIDENTS THAT ARE BEYOND CONTRACTOR'S CONTROL. REMOVE AND REPLACE DEAD PLANT MATERIALS OR WHICH ARE MORE THAN 25 PERCENT DEAD OR IN AN UNHEALTHY CONDITION AT END OF WARRANTY PERIOD. A LIMIT OF ONE REPLACEMENT OF EACH PLANT MATERIAL WILL BE REQUIRED, EXCEPT FOR LOSSES OR REPLACEMENTS DUE TO FAILURE OF THE CONTRACTOR TO COMPLY WITH THE PROJECT REQUIREMENTS.
8. MAINTENANCE: UPON COMPLETION OF CONSTRUCTION AND THE EXPIRATION OF ANY APPLICABLE CONTRACTOR WARRANTY PERIOD, THE OWNER SHALL BE RESPONSIBLE FOR LONG-TERM MAINTENANCE OF THE LANDSCAPING IN GOOD CONDITION.
9. ALL DISTURBED AREAS NOT INDICATED TO RECEIVE ANOTHER SURFACE TREATMENT SHALL BE SEEDED AND MULCHED WITH STRAW (HAY MULCH IS NOT ACCEPTABLE). REFER TO SPECIFICATION SECTION 02930 AND DRAWING NO. C-6 FOR SEED MIX AND APPLICATION RATES.
10. REFER TO THE TECHNICAL SPECIFICATION SECTION 02900 FOR ADDITIONAL REQUIREMENTS AND REQUIRED SUBMITTALS.
11. REFER TO SITE CONSTRUCTION DETAILS FOR PLANTING DETAILS.

FORMER DOWNTOWN DRUG
BUILDING
SITE IMPROVEMENT PROJECT
CITY OF ALTOONA, BLAIR COUNTY, PA

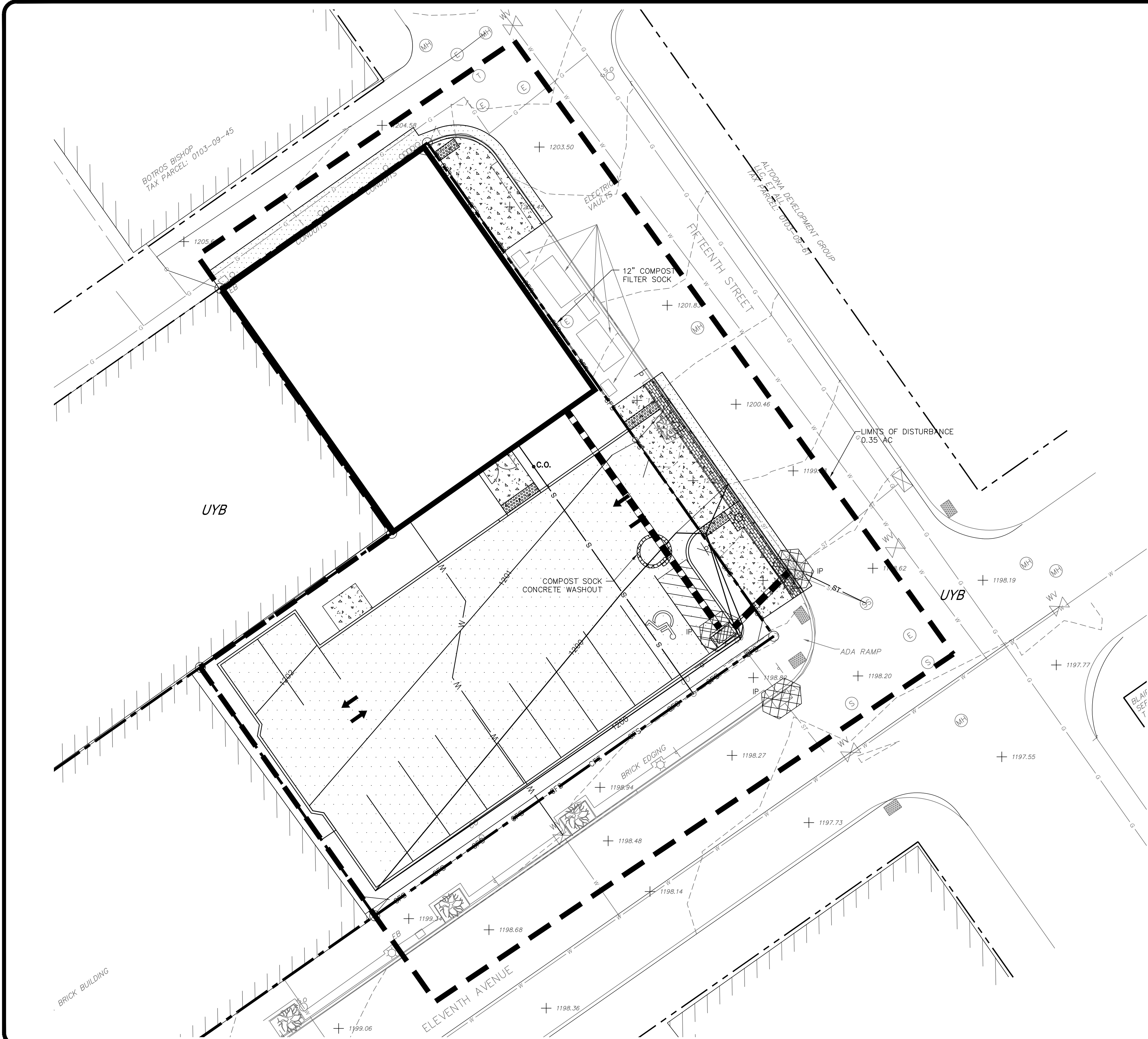
LANDSCAPE PLAN

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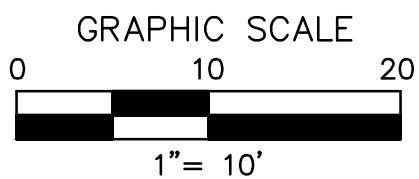
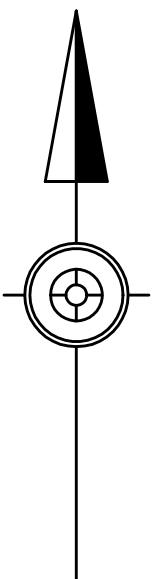
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LEGEND	
	RIGHT-OF-WAY LINE
	PROPERTY LINE
	SETBACK LINE
	ADJOINING PROPERTY LINE
	CONTOURS
	STORM DRAIN INLET
	WATER LINE
	FIRE HYDRANT
	SANITARY SEWER LINE
	SANITARY SEWER MANHOLE
	NATURAL GAS LINE
	ELECTRIC & TELEPHONE
	UTILITY POLE
	LIGHTS
	SIGN
	TREES/SHRUBS
	6" CONCRETE CURB
	CONCRETE SURFACE
	BITUMINOUS PAVEMENT
	CONTOURS
	STORM DRAIN
	STORM INLET
	STORM MANHOLE
	COMPOST FILTER SOCK
	LIMIT OF DISTURBANCE
	INLET PROTECTION
	UYB SOIL TYPE

NOTES:

1. THE RECEIVING WATERS FOR THE PROJECT IS UNIT SPRING RUN (WWF-MF), LOCATED APPROXIMATELY 1.2 MILES NORTH OF THE PROJECT AREA.
2. LIMIT OF DISTURBANCE = 0.35 ACRES
3. IN LIEU OF INSTALLING A ROCK CONSTRUCTION ENTRANCE THE CONTRACTOR SHALL PROVIDE STREET SWEEPING. IF STREET SWEEPING IS NOT ADEQUATE, A ROCK CONSTRUCTION ENTRANCE WILL BE INSTALLED.
4. A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE PUBLIC ROAD FREE OF ALL MUD FROM CONSTRUCTION AND DELIVERY VEHICLES. AFTER EACH VEHICLE LEAVES THE SITE, ALL SEDIMENT DEPOSITED ON PUBLIC ROADWAYS MUST BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE FOR DISPOSAL.



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FORMER DOWNTOWN DRUG BUILDING
SITE IMPROVEMENT PROJECT
CITY OF ALTOONA, BLAIR COUNTY, PA

EROSION AND SEDIMENT CONTROL PLAN

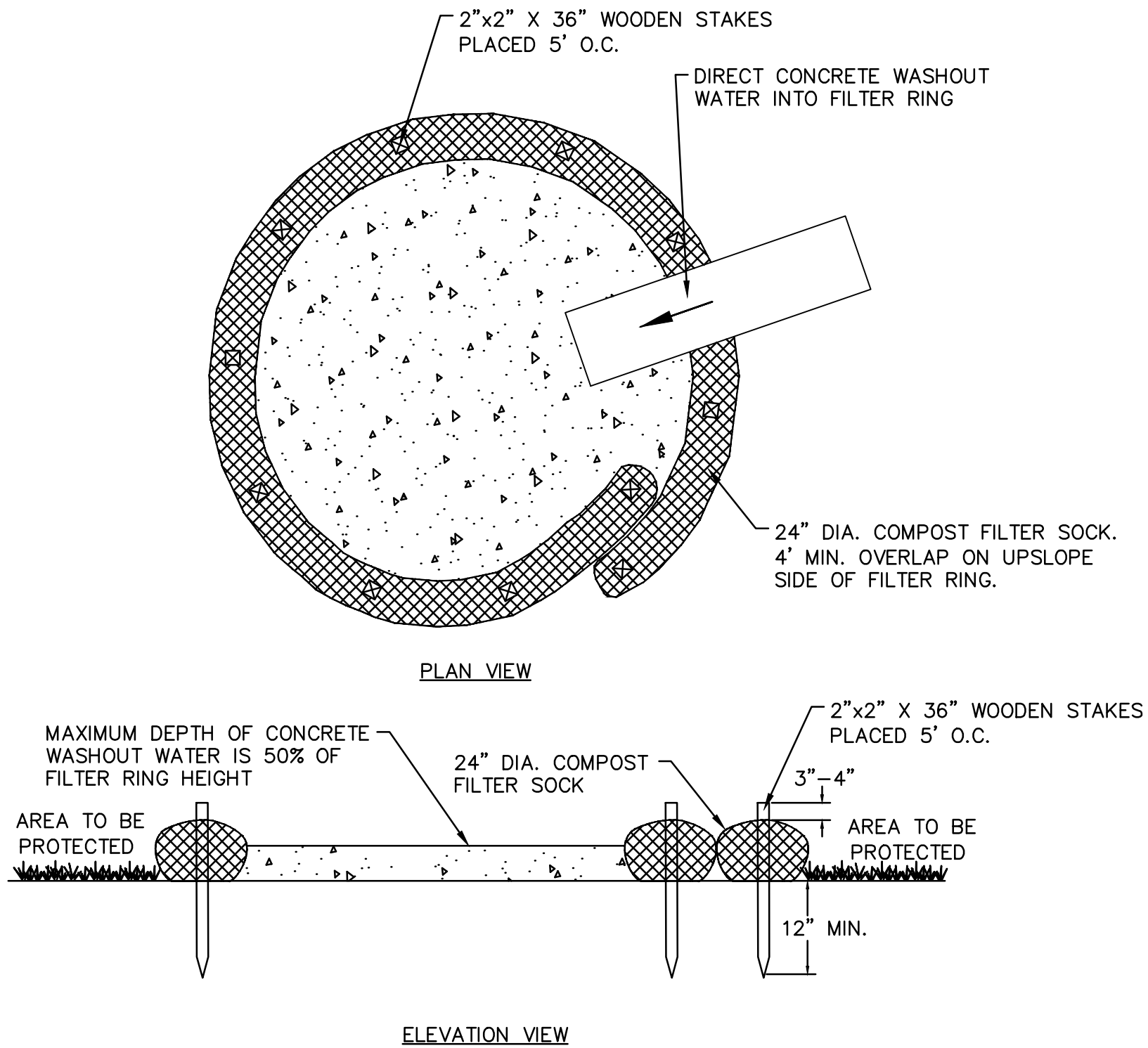
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SEEDING TABLE

SPECIES	PURE LIVE SEED	SEED BY WEIGHT	SEEDING RATE (LB./AC.)	FERTILIZER TYPE	FERTILIZER RATE (LB./AC.)	LIMING RATE (TON/AC.)	MULCH TYPE	MULCH RATE (T./AC.)	ANCHOR MATERIAL	ANCHOR METHOD	ANCHOR MATERIAL RATE
TEMPORARY											
ANNUAL RYEGRASS	98%	N/A	50	10-10-10	450	1/4	STRAW	3	N/A	N/A	N/A
PERMANENT											
PERENNIAL RYEGRASS	98%	20%	102	10-20-20	680	2	STRAW	3	EMULSIFIED ASPHALT	SPRAY	150 GAL./AC.
CREeping RED FESCUE	98%	30%	102	10-20-20	680	2	STRAW	3	EMULSIFIED ASPHALT	SPRAY	150 GAL./AC.
KENTUCKY BLUEGRASS	98%	50%	102	10-20-20	680	2	STRAW	3	EMULSIFIED ASPHALT	SPRAY	150 GAL./AC.
PERMANENT- CHANNEL AND STEEP SLOPES (>3:1)											
PERENNIAL RYEGRASS	98%	20%	102	10-20-20	680	2	**	N\A	N\A	N\A	N\A
CREeping RED FESCUE	98%	30%	102	10-20-20	680	2	**	N\A	N\A	N\A	N\A
KENTUCKY BLUEGRASS	98%	50%	102	10-20-20	680	2	**	N\A	N\A	N\A	N\A

** ORGANIC EROSION CONTROL BLANKETS AS SPECIFIED IN THE NARRATIVE.

NOTES: SEASON SEEDING DATES FOR PERMANENT AND CHANNEL\STEEP SLOPE SEEDING IS MARCH 15-JUNE 1, AUGUST 1-OCTOBER 15

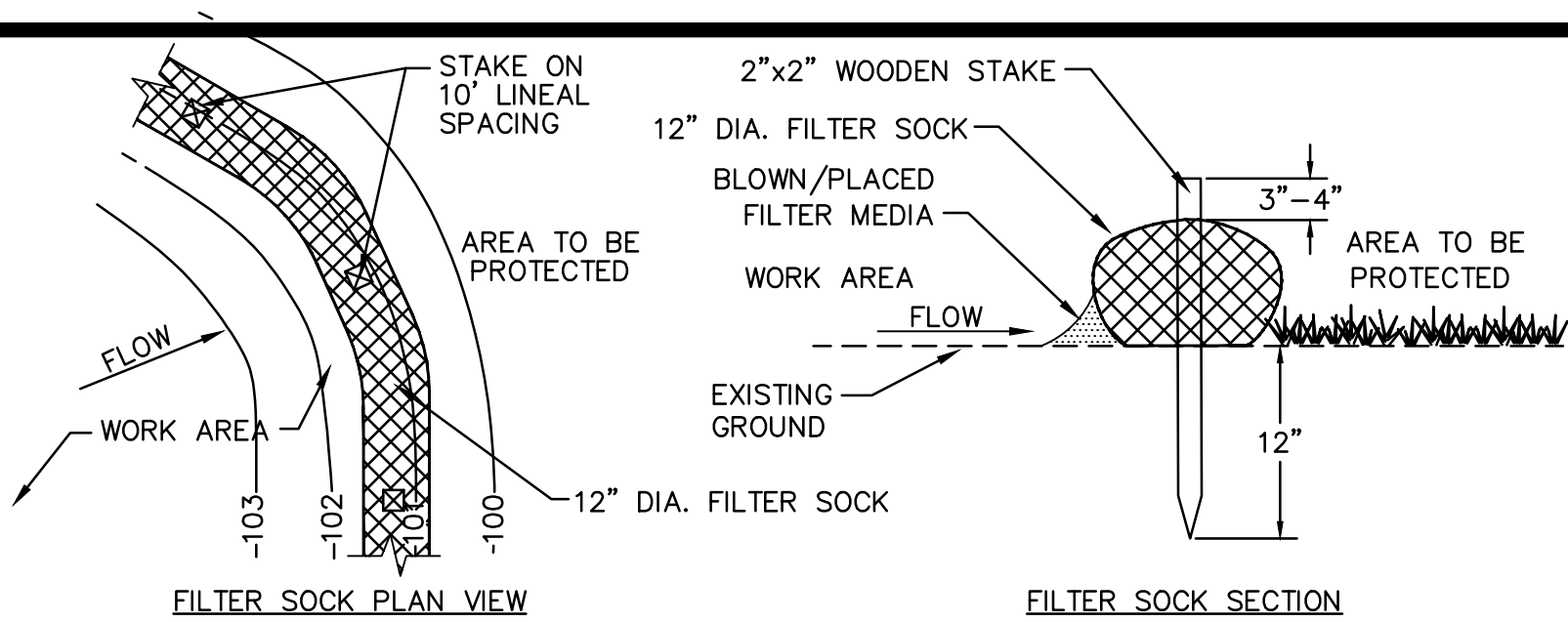


NOTES:

1. AN IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.
2. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
3. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

COMPOST SOCK CONCRETE WASHOUT

NO SCALE



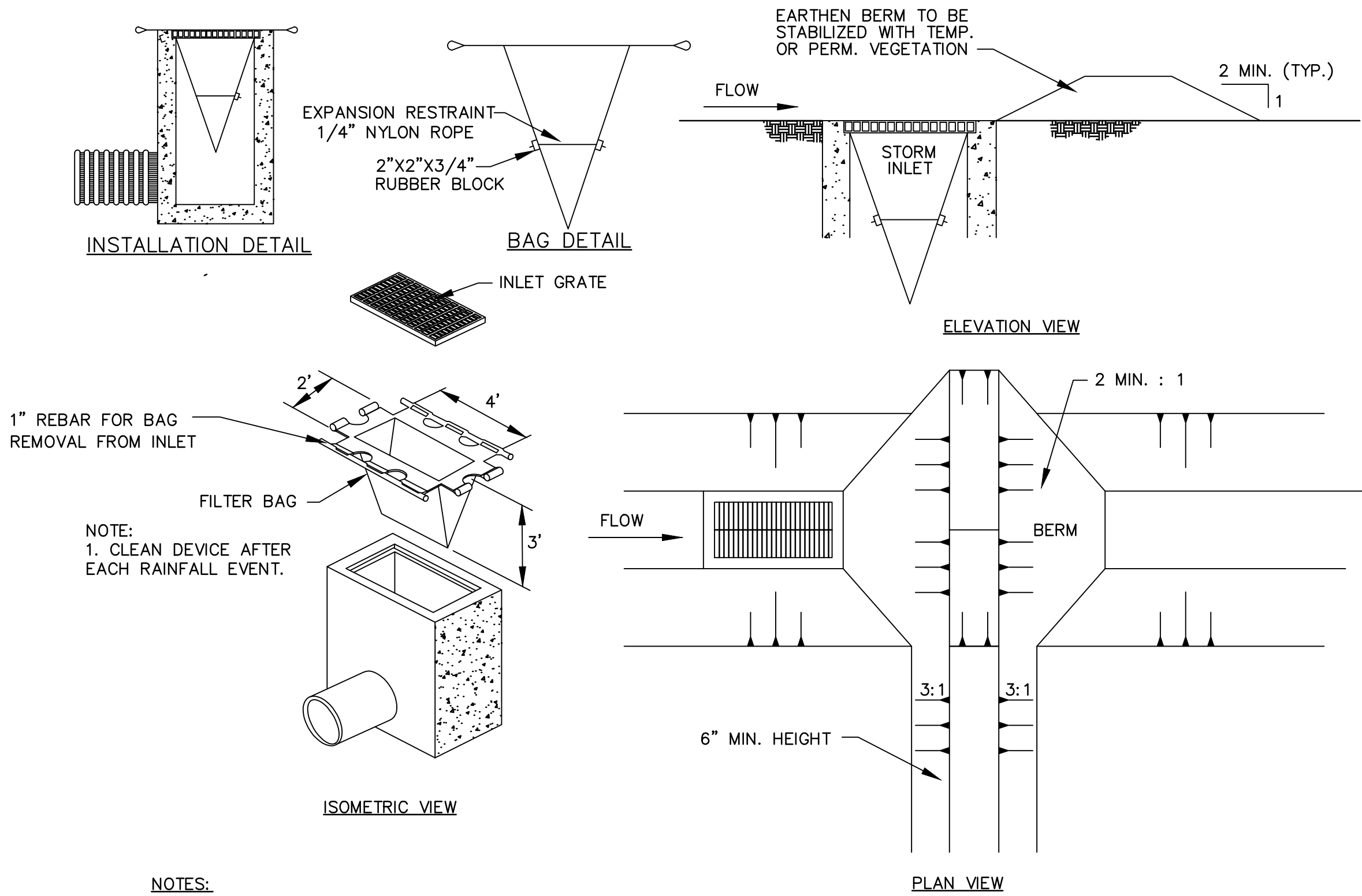
NOTES:

1. FILTER SOCKS SHALL BE FILLED WITH COMPOST MATERIAL. COMPOST SHALL BE WEED FREE AND DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THE COMPOST SHALL BE PRODUCED USING AN AEROBIC COMPOSTING PROCESS MEETING CFR 503 REGULATIONS. THE COMPOST SHALL BE FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH. NON-COMPOSTED PRODUCTS WILL NOT BE ACCEPTED.
2. FILTER SOCKS SHALL BE PLACED PARALLEL TO EXISTING/PROPOSED CONTOURS PERPENDICULAR TO FLOW WITH THE ENDS PLACED UPSLOPE. A MINIMUM OF 8' IN LENGTH.
3. FILTER SOCK SHELL MATERIAL SHALL BE A MIN. 5 MIL CONTINUOUS TUBULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL THAT MAY BE FILLED ON SITE. ACCEPTABLE MANUFACTURERS ARE FILTREXX INTERNATIONAL, LLC OR APPROVED EQUAL.
4. THE CONTRACTOR SHALL MAINTAIN THE FILTER SOCK IN A FUNCTIONAL CONDITION AT ALL TIMES AND SHALL BE REPAIRED ON A ROUTINE BASIS IF REQUIRED.
5. THE CONTRACTOR SHALL REMOVE SEDIMENT COLLECTED AT THE BASE OF THE SOCK WHEN THEY REACH 1/2 OF THE EXPOSED HEIGHT OF THE LOG.
6. DRIVING OVER THE FILTER SOCK IS NOT PERMITTED.
7. THE FILTER SOCK SHALL PERMIT WATER FLOW THE COMPOST MATERIAL. IF UPON INSPECTION, THE FILTER SOCK HAS CLOGGED DUE TO SEDIMENTATION, THE SEDIMENTATION SHALL BE REMOVED IMMEDIATELY OR THE ENTIRE SOCK SHALL BE REPLACED.
8. WHERE SOCKS ARE PLACED ON PAVED SURFACES, CONCRETE BLOCKS SHOULD BE USED IMMEDIATELY DOWNSLOPE OF THE SOCKS (AT THE SAME INTERVALS RECOMMENDED FOR THE STAKES) TO HELP HOLD THE SOCK IN PLACE.

SOCK NO.	DIA. IN.	LOCATION	PERCENT SLOPE	SLOPE LENGTH ABOVE BARRIER (FT)
*	12"	ENTIRE SITE	4.0%	100'

COMPOST FILTER SOCK

NO SCALE



NOTES:

MAXIMUM DRAINAGE AREAS = 1/2 ACRE

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

FILTER BAG INLET PROTECTION
TYPE M INLET DETAIL

FORMER DOWNTOWN DRUG
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EROSION AND SEDIMENT
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STAGING OF EARTHMOVING ACTIVITIES

PLANNING, COORDINATION, OF CONSTRUCTION AND MINIMIZING THE AREA OF DISTURBANCE ARE KEY FACTORS IN REDUCING SEDIMENT POLLUTION. THE CONTRACTOR SHALL CONTACT THE BLAIR COUNTY CONSERVATION DISTRICT AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION.

DUE TO THE RELATIVELY LOW AMOUNT OF TOPSOIL LOCATED CURRENTLY ON THE SITE A TOPSOIL STOCKPILE IS NOT BEING PROPOSED AS PART OF THIS EROSION AND SEDIMENTATION CONTROL PLAN.

MINIMIZE THE DURATION OF EXPOSURE OF READILY ERODIBLE SOILS. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED SO THAT EXCAVATION CAN, TO THE GREATEST EXTENT POSSIBLE, BE BACKFILLED AT THE CLOSE OF EACH WORKING DAY; WHEREBY ONLY A MINIMUM QUANTITY OF EXCAVATED MATERIAL WILL BE STOCKPILED AND SUBJECT TO LOSS.

RESTORATION WORK SHALL BE DONE AS THE PROJECT PROGRESSES AND NOT BE LEFT UNTIL THE END OF THE PROJECT. NO AREAS SHALL BE LEFT UNPROTECTED FOR A PERIOD OF MORE THAN 72 HOURS.

ALL AREAS ON WHICH FINAL GRADING IS COMPLETED AFTER OCTOBER 15TH MUST BE PROTECTED BY A WELL ANCHORED MULCH UNTIL SPRING WHEN EFFECTIVE SODDING CAN BE UNDERTAKEN.

AFTER PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS MUST BE STABILIZED IMMEDIATELY.

PERMANENT SITE STABILIZATION IS DEFINED AS A UNIFORM EROSION RESISTANT PERENNIAL VEGETATION ESTABLISHED TO THE POINT WHERE THE SURFACE SOIL IS CAPABLE OF RESISTING EROSION DURING RUNOFF EVENTS AND HAS UNIFORM COVERAGE OR DENSITY OF 70% ACROSS THE ENTIRE AREA.

ALL "CONSTRUCTED" ITEMS LISTED IN THE CONSTRUCTION SEQUENCE ARE TO BE COMPLETED PRIOR TO MOVING ON TO THE NEXT ITEM IN THE SEQUENCE UNLESS OTHERWISE NOTED.

CONSTRUCTION SEQUENCE

CONSTRUCTION SEQUENCE

1. INSTALL COMPOST FILTER SOCKS AS SHOWN ON PLAN.
2. INSTALL INLET SEDIMENT PROTECTION ON EXISTING INLETS AS SHOWN ON PLAN.
3. REMOVE EXISTING BUILDING AND PERFORM ROUGH GRADING EARTHWORK.
4. INSTALL STORM STRUCTURES AND ASSOCIATED PIPING AND INLET SEDIMENT PROTECTION – STARTING DOWNSTREAM WORKING UPSLOPE.
5. INSTALL ALL PROPOSED SITE UTILITIES.
6. INSTALL ALL PROPOSED EXTERIOR SURFACE IMPROVEMENTS INCLUDING CONCRETE, CURBING AND BITUMINOUS PAVING.
7. PERFORM FINE GRADING AND PERFORM SEEDING/MULCHING AS PER THE CONSTRUCTION PLAN.
8. REMOVE TEMPORARY CONTROLS AFTER ALL SITE CONTRIBUTING DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED AND/OR WHEN 70% UNIFORM VEGETATIVE COVER, STONE BASE, OR PAVEMENT HAS BEEN PROVIDED.
9. STABILIZE AREAS DISTURBED DURING THE REMOVAL OF TEMPORARY EROSION CONTROLS

RECYCLING MEASURES

THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT MECHANISMS ARE IN PLACE TO CONTROL WASTE MATERIALS. CONSTRUCTION WASTES INCLUDE, BUT ARE NOT LIMITED TO , EXCESS SOIL MATERIALS, BUILDING MATERIALS, CONCRETE WASH WATER, SANITARY WASTES, ETC. THAT COULD ADVERSELY IMPACT WATER QUALITY. MEASURES SHALL BE PLANNED AND IMPLEMENTED FOR HOUSEKEEPING, MATERIALS MANAGEMENT AND LITTER CONTROL. WHEREVER POSSIBLE, RECYCLING OF EXCESS MATERIAL IS PREFERRED, RATHER THAN DISPOSAL.

ALL RECYCLABLE MATERIAL SHALL BE SEPARATED AND BE TAKEN TO AN APPROPRIATE RECYCLING FACILITY. ALL OTHER WASTE MATERIALS, EXCEPT EXCESS SOIL, SHALL BE DISPOSED OF OFF–SITE AT A LEGAL SANITARY LANDFILL. EXCESS SOIL WASTE AND BORROW AREAS SHALL RECEIVE PRIOR APPROVAL FROM THE CONSERVATION DISTRICT AND SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED.

NO BUILDING DEMOLITION WASTES SHALL BE USED OR PLACED AS FILL MATERIAL EITHER ON–SITE OR OFF–SITE. ALL BUILDING DEMOLITION WASTES SHALL BE PROPERLY DISPOSED OF OR RECYCLED AS DISCUSSED ABOVE.

OFFSITE DISPOSAL OF WASTE IN REGARD TO THE DEMOLITION PLAN ARE TO BE HANDLED IN THE FOLLOWING MANNER: THE OPERATOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE.

CLEAN FILL IS DEFINED AS: UNCONTAMINATED, NON–WATER SOLUBLE, NON–DECOMPOSABLE, INERT, SOLID MATERIAL. THE TERM INCLUDES SOIL, ROCK, STONE, DREDGED MATERIAL, USED ASPHALT, AND BRICK, BLOCK OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND IS RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON THE WATERS OF THE COMMONWEALTH UNLESS OTHERWISE AUTHORIZED. (THE TERM "USED ASPHALT" DOES NOT INCLUDE MILLED ASPHALT OR ASPHALT THAT HAS BEEN PROCESSED FOR RE–USE.)

ENVIRONMENTAL DUE DILIGENCE: INVESTIGATIVE TECHNIQUES, INCLUDING, BUT NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENS, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS.

GENERAL EROSION CONTROL NOTES

THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE BLAIR COUNTY CONSERVATION DISTRICT FOR ALL OFF–SITE BORROW AND WASTE AREAS.

EROSION AND SEDIMENTATION CONTROLS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE WITHIN THE TRIBUTARY AREAS OF THOSE CONTROLS.

AFTER THE CONSTRUCTION PHASE IS COMPLETE, SOD OR SEED THE AREAS THAT HAVE BEEN DISTURBED AS RAPIDLY AS POSSIBLE. ALL DISTURBED LAWN AREAS SHALL BE RESTORED WITH A MINIMUM 4" OF TOPSOIL AND SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE PLAN. IF THE COMPLETION OF THE CONSTRUCTION ACTIVITIES DOES NOT COINCIDE WITH A SEASON IN WHICH PERMANENT VEGETATION CAN BE STARTED, AN INTERIM OR TEMPORARY PROGRAM IS REQUIRED. THIS SHALL INCLUDE MULCHING OR TEMPORARY SEEDING IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE PLAN. IN ANY CASE, SEDIMENT AND EROSION CONTROLS SHALL BE INSTALLED PROMPTLY AND THEIR MAINTENANCE ASSURED. PERMANENT SOD AND SEEDING INSTALLATION SHALL BE DONE PRIOR TO OCTOBER 15.

AFTER PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS MUST BE STABILIZED IMMEDIATELY. PERMANENT SITE STABILIZATION IS DEFINED AS UNIFORM EROSION RESISTANT PERENNIAL VEGETATION ESTABLISHED TO THE POINT WHERE THE SURFACE SOIL IS CAPABLE OF RESISTING EROSION DURING RUNOFF EVENTS AND HAS UNIFORM COVERAGE OR DENSITY OF 70% ACROSS THE ENTIRE AREA.

ALL EROSION AND SEDIMENTATION CONTROLS AND PRACTICES SHALL CONFORM TO THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENT PROTECTION CHAPTER 102–EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL.

SOIL EROSION AND SEDIMENTATION WITHIN THE PROJECT LIMIT OF DISTURBANCE WILL BE TEMPORARILY CONTROLLED BY THE USE OF A INLET FILTER BAGS, ROCK FILTER INLET PROTECTION, ROCK CONSTRUCTION ENTRANCE, COMPOST FILTER SOCKS AND TEMPORARY SEEDING (IF REQUIRED).

THE DISTURBED AREAS WITHIN THE SITE SHALL BE PERMANENTLY STABILIZED BY THE USE OF SOD, SEEDING OR STABILIZED SURFACING.

EROSION AND SEDIMENT POLLUTION CONTROL MAINTENANCE SCHEDULE

ALL SEDIMENT AND EROSION CONTROL FACILITIES SHALL BE CHECKED FOR DAMAGE AND CLOGGING ON A WEEKLY BASIS AND AFTER EACH STORM. ALL FACILITIES THAT ARE DAMAGED, CLOGGED, OR CAN NO LONGER PERFORM IN THE MANNER FOR WHICH THEY WERE DESIGNED SHALL BE REPLACED IMMEDIATELY.

A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTD AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION. ANY PERMANENT SEEDED AREAS THAT BECOME ERODED SHALL HAVE THE TOPSOIL REPLACED AND THE GRASS RESOWN WITH NEW MULCH APPLIED. IF CULTIVATION OF A NEW LEGUME OR GRASS CROP IS NOT PRACTICAL IN THE ERODED AREA, THE CONTRACTOR SHALL INSTALL SOD.

IF THE VEGETATIVE COVER ESTABLISHED IS ALLOWED TO DETERIORATE AND BECOME INEFFECTIVE, A FERTILIZATION AND RESEEDING PROGRAM SHALL BE ESTABLISHED AND CARRIED OUT AS THE CONSTRUCTION PROCEEDS. AREAS WHERE FAILURES HAVE BEEN EXPERIENCED IN THE ESTABLISHMENT OF BOTH PERMANENT AND TEMPORARY VEGETATIVE PROTECTION SHALL BE PROMPTLY TREATED. THE RE–ESTABLISHMENT OF PERMANENT VEGETATIVE COVER SHALL BE INITIATED AS SOON AS POSSIBLE.

WHEN THE ACCUMULATION OF SEDIMENT IN THE CONTROL DEVICES REACHES 1/3 THE DEPTH OF THE DEVICE, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN SUCH LOCATIONS AS DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER. THESE LOCATIONS SHALL BE SELECTED SUCH THAT THE SEDIMENT WILL NOT ERODE INTO THE CONSTRUCTION AREA OR ANY NATURAL WATERWAY.

ALL SEDIMENT AND EROSION FACILITIES MUST BE MAINTAINED IN OPERATING CONDITION UNTIL UPSTREAM AREAS ARE STABILIZED WITH FINAL THE CONTRACTOR WILL IMPLEMENT THIS PLAN, INCLUDING CONSTRUCTION AND MAINTENANCE.

THE OWNER IS RESPONSIBLE TO INSURE THAT THE CONTRACTOR IS PERFORMING THE WORK AS DETAILED IN THIS PLAN.

THE CONTRACTOR IS REQUIRED TO FURNISH A SOIL ANALYSIS MADE BY A QUALIFIED INDEPENDENT SOIL–TESTING AGENCY STATING PERCENTAGES OF ORGANIC MATTER, INORGANIC MATTER (SILT, CLAY, AND SAND), DELETERIOUS MATERIAL, PH, MINERAL AND PLANT–NUTRIENT CONTENT AND ERODIBILITY FACTORS OF THE SOIL. SOIL TESTING AGENCY SHALL ALSO PROVIDE CONTRACTOR WITH RECOMMENDED SOIL AMENDMENTS, RESOLUTIONS AND LIMITATIONS BASED ON SOIL TYPES AND CONDITIONS FOUND ON SITE.

DURING CONSTRUCTION IF ANY SOIL LIMITATIONS (IE: BEDROCK, WATER TABLE DEPTH, HIGH ERODIBILITY, ETC.) ARE ENCOUNTERED THE CONTRACTOR SHOULD REFER TO THE DETAILED GEOTECHNICAL REPORT FOR GUIDANCE AND/OR CONSULT THE GEOTECHNICAL ENGINEER.

1. COMPOST FILTER SOCKS
 1. FILTER SOCKS SHALL BE INSPECTED AFTER EVERY RAINFALL EVENT. ANY NECESSARY REPAIRS SHALL BE MADE IMMEDIATELY.
 2. ACCUMULATED SEDIMENTS WILL BE REMOVED AS REQUIRED TO KEEP THE SOCK FUNCTIONAL. IN ALL CASES, REMOVE DEPOSITS WHERE ACCUMULATIONS REACH 1/3 THE SOCK DIAMETER OR WHEN SEDIMENTS PROHIBIT FLOW THROUGH THE SOCK.
2. FILTER BAG INLET PROTECTION
 1. FILTER BAG INLET PROTECTION WILL BE USED TO PREVENT SEDIMENT INFILTRATION INTO THE STORM SEWER SYSTEM AND STREAM CAUSED BY EXCAVATED MATERIAL.
 2. AFTER EACH RAINFALL EVENT THE FILTER BAG INLET PROTECTION SHOULD BE INSPECTED AND CLEANED AND REPLACED IF NECESSARY.
3. COMPOST SOCK CONCRETE WASHOUT
 1. THE CONCRETE SOCK CONCRETE WASHOUT SHALL BE INSPECTED AT THE END OF EVERY CONCRETE POURING OPERATION. ANY NECESSARY REPAIRS SHALL BE MADE IMMEDIATELY.
 2. IN ALL CASES, REMOVE CONCRETE DEPOSITS WHERE ACCUMULATIONS REACH 1/3 THE SOCK DIAMETER OR WHEN CONCRETE/CEMENT DEPOSITS PROHIBIT FLOW THROUGH THE SOCK.

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Sheet Revisions	Date	
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SITE IMPROVEMENT PROJECT

CITY OF ALTOONA, BLAIR COUNTY, PA

EROSION AND SEDIMENT CONTROL DETAILS

Drawing No.
C-7.02